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METEOROLOGICAL OFFICE

RÉSEAU MONDIAL 1931

MONTHLY AND ANNUAL SUMMARIES OF PRESSURE, TEMPERATURE, AND PRECIPITATION BASED ON A WORLD-WIDE NETWORK OF OBSERVING STATIONS

Published by the Authority of the Meteorological Committee

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RÉSEAU MONDIAL, 1931

PREFACE

The Réseau Mondial is published under the auspices of the International Meteorological Committee, which has appointed a Commission, the International Commission for the Réseau Mondial, to foster the enterprise. An account of its early history is given in the preface to the volume for 1914. The publication of the data commenced in 1917 with the annual volume for 1911, and during the four following years the volumes for 1912, 1913, 1910 and 1914 were issued, in that order. Since the appearance of the volume for 1914, meetings of the commission have taken place, in connexion with the meetings of the International Meteorological Committee held in London in 1921, in Zürich in 1926, in Copenhagen in 1929, and in Warsaw in 1935. At the London meeting the Commission approved the general form in which the results had been published, and adopted a resolution, subsequently endorsed by the Committee, requesting that the publication of similar data for ensuing years might be continued. In compliance with that request, seventeen additional volumes have now been issued.

The volume for 1921 for the first time gave effect to a wish, also voiced at the meeting held in London, for the inclusion of data from the oceans as well as from land stations. In that volume the information was confined to two five-degree "squares" in the North Atlantic. In subsequent volumes the number of squares varied from year to year, being as high as 14 in 1924 and 1925. In general, mean values are deduced from not less than 365 observations per year, thus putting a square on a par with a land station observing once daily, but where the total number of observations in any one month falls to 14 or less, the mean values for that month are omitted from the tables. In recent years the number of observations available from ships has greatly decreased, and in 1930 only three squares satisfied the criterion of 365 observations. This year the number has decreased to one, namely 333s, 62°-57°N., 20°-15°W. The data for this square will be found intercalated among the observations from land stations. They include:-

(1) the mean latitude and longitude of the observations, calculated separately for each month.

(2) the number of observations (entered in the column for "height").

(3) the mean temperature of the sea surface. For convenience these figures have been entered in the column for the date of the absolute maximum temperature.

(4) the mean temperature of the air.

At the meeting of the Commission held in Zürich in 1926, the following rules were adopted to regulate the practice regarding the normals to be used at land stations in the Réseau Mondial.

" (a) Departures from normal will not be employed unless the series of observations available covers a period of ten years or more.

(b) A normal will be prepared for any station as soon as ten years' observations are available. This normal will remain in use for the next five years. When data for 15 years are available, the normal will be revised. A further revision will take place when data for 25 years become available, and a final revision when data for 35 years become available. Normals covering a period of 35 years or more will only be revised when opportunity offers.

(c) While the procedure laid down in paragraph (b) will be the one usually followed, advantage will be taken of any re-determinations of normals, which become available. Such an opportunity is presented by the publications of the collection of the 'Long Series' data which is now being made by the Smithsonian Institution, and normals based on these data will be brought into use in the volume of the Réseau Mondial for 1921.

(d) When an official meteorological service publishes departures from normal in its current publication these may, if thought desirable, be used in the Réseau Mondial.

(e) The periods covered by the normals will be set out in the "Table of Authorities" as at present. Whenever new normals are introduced the attention of readers will be called to the change by adding an appropriate sign to the figures to which the new normal has first been applied."

In editing the present volume these rules have been closely followed.

At the meeting of the Commission in Warsaw in 1935 the President stressed the growing difficulty which he experienced in collecting the necessary data for the Réseau Mondial. The Commission proposed the following Resolution, which was adopted by the Conference:-

"The Conference desires Meteorological Institutes to communicate summaries of the meteorological observations for stations under their control which are included in the Réseau Mondial, to the Director of the Meteorological Office, London, within twelve months of the end of the year to which the observations refer. If the data are not published in suitable form within this period, summaries should be communicated in manuscript on forms which will be supplied for the purpose."

The membership of the Commission, after the meeting of the Commission at Warsaw in September 1935 was as follows:- Sir George Simpson, Great Britain(President); Mr.C.C.Boughner, Canada; Dr. C. E. P. Brooks, Great Britain; Dr. D. la Cour, Denmark; Prof. F. Eredia, Italy; Prof. E. van Everdingen, Holland; Capt. N. I. Evgenoff, Russia; Dr. J. de Sampaio Ferraz, Brazil; Prof. H. von Ficker, Germany; Signor F. Francini, Italy; Dr. S. Fujiwhara, Japan; Dr. L. Gain, France; Prof. B. Helland-Hansen, Norway; Dr. Th. Hesselberg, Norway; Prof. J. Keränen, Finland; Dr. E. Kidson, New Zealand; Mr. J. B. Kincer, United States of America; Dr. K. Knoch, Germany; Dr. C. W. B. Normand, India; Prof. T. Okada, Japan; Capt. de Frégate J. Rouch, France; Dr. J. W. Sandstrøm, Sweden; Prof. Dr. W. Schmidt, Austria; Dr. T. Schumann, South Africa; Mr. C. D. Stewart, Malaya; Prof. H. U. Sverdrup, Norway; Mr. W.S. Watt, Australia; M. Ph. Wehrlé, France; Prof. V. I. Wiese, Russia; Major C. Zappa, Italy.

A list of the additions or changes made in the network of stations since the issue of the preceding volume is given below. These changes have been made in consultation with the Directors of the National Meteorological Services concerned.

Additions:-

Zone 0, 90° - 80° N.	047	Calm Bay (Data from Sept. 1929 published in Leningrad, Trans. Arctic Inst., Vol. LXXIX, 1937.)
Zone 1, 80° - 70° N.	121	Pond Inlet
	150	Cape of Desire (Zhelanya)
Zone 2, 70° - 60° N.	214	Coppermine
	218	Chesterfield
	221	Nottingham Island
	223	Hope's Advance
	224	Resolution Island
	233a	Akureyri
	249a	Yugor Strait
Zone 3, 60° - 50° N.	323	Fort Chimo
Zone 8, 10°N.- 0°	844a	Kampala (Kololo Hill)
Zone 9, 0° - 10° S.	944a	Zanzibar (Chukwani Palace)
Zone 10, 10° - 20°S.	1001	Vavau
Zone 11, 20° - 30°S.	1101	Nukualofa, Tonga
Zone 12, 30° - 40°S.	1240a	Klavar

Substitutions:-

Zone 7, 20° - 10° N.	739	Bilma for Hadeija
Zone 8, 10°N.- 0°	843a	Juba for Mongalla
	857	Butterworth for Penang

Deletions:-

Zone 4, 50° - 40° N.	425	Port aux Basques
	444	Kharkiv (University)
Zone 5, 40° - 30° N.	508	35° - 30°N., 145 - 140°W.
	535a	Melilla
Zone 8, 10°N.- 0°	831	10° - 5°N., 30° - 25°W.
Zone 9, 0° - 10° S.	945	Lamu

Data are available again for the following station:-

Zone 6, 30° - 20° N.	614	La Paz, Mexico

Data were not received for 52 stations in U.S.S.R. (Zones 1 to 5) and 16 stations in Brazil (Zones 9 - 11).

Data for the following stations are also missing:-

Zone 3, 60° - 50° N.	.....	326	Belle Isle
Zone 7, 20° - 10° N.	.....	723	Caracas
		732	San Tiago, C. Verde Is.
Zone 8, 10°N. - 0°	.....	822a	Merida, Venezuela
		823	Ciudad Bolivar

The total number of stations utilised was 426 as against 465 in 1930.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL

FOR THE YEAR 1931

Subdivision of the Globe and numbering of Stations.- In order to facilitate the grouping of the information, the surface of the globe is divided into zones each covering ten degrees of latitude. These zones are numbered consecutively from north to south, the number 0 being assigned to the zone extending from latitude 90°N. to latitude 80°N. The southernmost zone in the southern hemisphere for which observations are available, that extending from latitude 60°S. to latitude 70°S., accordingly becomes zone No. 15.

An identification number is assigned to each station. The first one or two digits in this number specify the zone to which the station belongs, and the last two digits indicate its position in longitude. For the latter purpose the zones are subdivided into 36 "squares" each extending over ten degrees of longitude, and two station numbers are assigned to each square. The enumeration of the stations starts from longitude 180° west of the meridian of Greenwich and proceeds eastward. A few examples will make the system clear. Station numbers 101 and 102 refer to the stations in zone 1 (i.e. between latitude 80°N. and 70°N.) between longitude 180°W. and 170° W., station numbers 335 and 336 to the stations in zone 3 (latitude 60°N. to 50° N.) between longitude 10° W. and 0°; station numbers 1147 and 1148 to the stations in zone 11 (latitude 20° S. to 30° S.) between longitude 50°E. and 60°E., i.e. to the Indian Ocean. In cases where it has been found desirable to give data for more than two stations in one "square" the additional stations are distinguished by adding the letter "a" to the numbers appropriate to the square. For two squares in zone 6 it was considered desirable to give data representing conditions at high and low levels. In square 30°N.-20°N., 20°W.-10°W. the mountain station Izaña has been included as well as La Laguna and in square 30°N.-20°N., 90°E.-100°E. the mountain station Cherrapunji as well as Gauhati. The mountain station is indicated in each case by the addition of the letter "m" to the number appropriate to the low level station.

In the monthly tables the data are arranged by zones, and within each zone, in the order of the identification numbers of the stations.

Units.- Absolute units related to the metric system are employed throughout. The scale on which temperatures are recorded in the Réseau Mondial is such that the freezing point of water under atmospheric pressure is 273°A. precisely. Other temperatures differ by 273·0° from readings on the Centigrade scale. Conversion tables, showing the relation of these units to the units more commonly in use, will be found on pp. xvi to xviii of the Réseau Mondial for 1914.

Authorities.- The data have been transcribed in most cases from the publications of the various meteorological institutes received in the Library of the Meteorological Office. Particulars of the sources from which they have been taken will be found in the Table showing the Authorities for the Meteorology of the Globe, printed at the end of the volume. In many cases the volumes for 1931 have not yet been issued, and the data have therefore been taken from advanced manuscript copies supplied by the courtesy of the Directors concerned, whose valued co-operation is hereby acknowledged. The data for some stations in the British Colonies have been transcribed from manuscript returns received in the Meteorological Office, and have not yet been published elsewhere. The majority of the stations for which information is given are under the control of Government Meteorological Services; it is therefore assumed that the recognised conventions regarding the instruments and their exposure have been followed. In the case of other stations, information on these points is sometimes lacking, but no observations have been included that are known to be faulty in this respect. The positions of stations, their heights above sea-level, and the spelling of names, have been taken from the official meteorological publications, if given, but in some cases it has been necessary to complete this information from other sources.

In the tables for 1918 the symbol $\bar{t}$ was introduced to signify the true, or 24-hour, mean temperature. The letters a, b, c, etc., have replaced the symbols used in the volume for 1917 as references to the notes at the end of the Table of Authorities.

Height above Sea Level.- Particulars of the datum used in the European Countries when specifying heights above sea level will be found in the Introduction to the volume of Tables for 1914.

Normals.- Whenever possible, the departures from normal of the monthly values of mean pressure, mean temperature and precipitation, are given. In all cases an endeavour is made to ensure that the normals are based on the same combination of values as the current data, or a comparable one. The years to which the normals refer are given in the Table showing the Authorities for the Meteorology of the Globe at the end of the volume.

Pressure.- The tables provide space for the entries of mean monthly pressure both at station level and at mean sea level. If the values at sea level are not given in the publication from which the data have been transcribed, they have been computed in the Meteorological Office for stations not exceeding 2,000 metres in altitude, for which the heights

above sea level were accurately known. The reduction is based on an expansion of the formula $p_o = pe^{\frac{z}{KT}}$ and assumes that the temperature decreases upwards at the rate of 0·5° C. per 100 metres and that the average relative humidity of the air column between the station and sea-level is 50 per cent. The monthly means of pressure are based for preference on hourly values, but when such are not available, combinations of observations at fixed hours have been used. Particulars of the combination adopted at each station are given in the Table showing the Authorities for the Meteorology of the Globe under the heading "Remarks". For certain stations the correction required to reduce the means computed in this way to the means computed from hourly observations will be found in Table 1 (p.vii) of the Réseau Mondial 1928. In cases in which it is possible to give values both for station level and for sea level, the differences from normal refer to the latter, except at the stations to which the letter "q" is given in the list of Authorities, for which the differences from normal refer to station level.

Temperature.- The monthly tables include the means of the daily readings of maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometers, the mean temperature obtained from the mean maximum and mean minimum, and a column giving the observed or deduced mean of 24 hourly values per day.

The column headed "24 hr. mean" contains: in Roman type, means based on at least six equally-spaced observations each day: in italic type, either (a) means based on observations at one or more fixed hours, with or without an appropriate correction; or (b) means obtained by applying an appropriate correction to the mean of the mean daily maximum and mean daily minimum. The methods by which these figures in italics have been deduced are in all cases set out in the Table of Authorities in the column headed "Remarks" pp. 105 - 114.

Precipitation.- The term precipitation includes rain, snow, hail, and (if of measurable amount) dew. The solid precipitates are measured by the depths of water they yield or are computed to yield when melted.

Wind.- No information regarding wind is included in the general tables, but on the last page of the volume, the monthly Resultant Direction and "Constancy" computed from daily observations of wind are given for selected stations in the tropics. No account is taken of wind strength in computing these quantities; each observation of direction is regarded as a unit vector and the resultant direction is obtained by compounding the unit vectors. The "constancy" is represented by 100 times the ratio of the vector sum of the unit vectors to the number of observations (calms included). Direction is specified by the azimuth of the point from which the wind is blowing, and is measured in degrees from north through east.

State of Ice in the Arctic Seas.- Statistical information is given for each month on the last page of the volume.

Bibliography of the Meteorology of the Globe.- A bibliography will be found on page xv of the Réseau Mondial 1914.

1922-1923:-

564 Tokyo. The footnote on page 4 in the 1922 volume should be transferred to page 4 for 1923. The height for 1922 should be 21·3m. throughout and pressure values at M.S.L. and diffs. from normal corrected by +1·8 mb.

1925-1931:-

1035 St. Helena. Height redetermined as 610m. Pressure mean at M.S.L. should be corrected by +3·7mb. from October 1925 to December 1931.

1929-1930:-

147 Malye Karmakouly. Insert the following Temperature:-

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1929	Abs. Max.	271·4	272·9	268·2	265·5	274·3	284·0	290·9	286·8	285·1	278·5	277·8	275·6	290·9
	Abs. Min.	235·7	237·2	237·8	245·7	257·7	268·0	273·1	273·9	271·0	263·0	254·1	249·0	237·2
1930	Abs. Max.	273·5	273·4	264·5	276·2	273·8	286·5	291·7	289·5	280·2	275·5	277·0	274·4	291·7
	Abs. Min.	247·2	239·5	244·7	244·3	258·2	265·8	272·3	275·1	269·6	262·4	259·4	248·3	239·5

Authority: Leningrad, Trans. Arctic Inst., Vol. LXXIX, 1937.

148 Vaigatch. Insert the following Temperature:-

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1929	Mean Max.	255·4	259·1	..	258·4	267·5	274·6	282·1	278·6	278·8	275·4	272·1	264·6	..
	Abs. Max.	269·7	271·6	266·9	263·8	273·7	277·9	299·2	282·7	285·3	279·7	275·6	274·1	299·2
	Mean Min.	252·9	251·3	246·5	251·8	261·3	271·2	274·7	274·6	274·9	272·1	267·9	258·7	262·7
	Abs. Min.	237·3	238·8	239·4	243·2	253·7	265·3	271·1	271·0	270·2	266·2	257·1	248·8	237·3
	½(M+m)	254·1	255·2	..	255·1	264·4	272·9	278·4	276·6	276·9	273·7	270·0	261·7	..
1930	Mean Max.	266·3	254·9	253·5	263·6	269·8	274·4	280·1	281·8	275·5	271·5	271·6	264·4	269·0
	Abs. Max.	273·5	272·6	263·2	274·7	274·9	280·7	294·8	291·2	280·4	274·5	275·6	273·4	294·8
	Mean Min.	261·4	246·5	246·4	254·8	265·4	270·9	273·9	275·2	272·4	268·0	267·3	259·1	263·4
	Abs. Min.	242·2	238·0	241·0	244·9	260·5	264·8	269·9	270·1	267·9	262·5	259·9	246·7	238·0
	½(M+m)	263·9	250·7	249·9	259·2	267·6	272·7	277·0	278·5	273·9	269·7	269·5	261·7	266·2

Authority: Leningrad, Trans. Arctic Inst., Vol. LXXIX, 1937.

153 Dikson. Insert the following Temperatures-

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1929	Mean Max.	..	254·8	251·7	257·2	264·5	275·2	283·2	279·9	279·4	271·9	264·5	256·0	..
	Abs. Max.	265·5	263·8	259·4	266·0	269·4	282·4	292·0	284·8	284·2	276·8	272·6	272·4	292·0
	Mean.Min.	240·1	245·1	243·4	250·1	259·2	270·1	276·8	276·0	275·0	268·4	255·9	248·0	259·0
	Abs. Min.	230·1	234·7	235·4	242·7	248·0	258·9	271·6	270·9	269·7	261·7	239·6	234·4	230·1
	½(M+m)	..	249·9	247·5	253·7	261·9	272·7	280·0	277·9	277·2	270·1	260·2	252·0	..
1930	Mean Max.	257·4	..	249·9	259·2	268·4	273·6	281·1	278·4	275·0	265·2	266·5	257·2	..
	Abs. Max.	271·2	261·8	259·6	270·2	271·8	278·7	292·8	285·0	278·5	272·2	273·2	269·4	292·8
	Mean Min.	249·9	237·7	242·8	250·5	262·8	270·9	276·6	275·1	272·1	260·0	259·3	246·6	258·7
	Abs. Min.	238·3	224·5	238·1	238·3	253·5	264·9	272·0	271·3	266·6	250·1	246·7	227·9	224·5
	½(M+m)	253·7	..	246·3	254·9	265·6	272·3	278·9	276·7	273·5	262·6	262·9	251·9	..

Authority: Leningrad, Trans. Arctic Inst., Vol. XLVI, 1936.

RÉSEAU MONDIAL, 1931

ADDITIONS AND CORRECTIONS - continued

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
1919 - 1926:-		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
957	Padang	0 56	100 22	6·7														
	1919																	
	January																	
	February				..	..	..	303·6	305·7	22nd	296·4	295·6	13th	300·0	299·6	+ 0·3	..	..
	March				..	..	..	304·2	306·7	6th	296·8	295·5	23rd	300·5	299·9	+ 0·4	..	..
	April				..	..	..	304·3	306·1	14th	296·5	295·3	29th	300·4	300·0	+ 0·5	..	..
	May				..	..	..	304·2	305·2	14th	297·0	295·9	11th	300·6	300·1	+ 0·4	..	..
	June				..	..	..	304·3	305·9	8th	297·0	296·1	30th	300·7	300·2	+ 0·4	..	..
	July				..	..	..	304·1	306·4	6th	296·6	294·0	23rd	300·3	300·0	+ 0·4	..	..
	August				..	..	..	303·4	306·0	1st	295·9	294·5	31st	299·7	299·1	- 0·3	..	..
	September				..	..	..	303·9	305·5	17th	295·8	294·6	31st	299·9	299·4	+ 0·4	..	..
	October				..	..	..	303·6	305·5	2nd	296·0	294·9	1st	299·8	299·2	0·0	..	..
	November				..	..	..	303·3	305·4	7th	296·1	295·0	20th	299·7	299·0	- 0·3	..	..
	December				..	..	..	303·1	305·5	15th	295·6	294·6	7th	299·3	298·7	- 0·1	..	..
	Year				..	..	..	302·8	304·5	31st	296·2	295·3	17th	299·5	299·0	+ 0·1	..	..
	1920							303·7	306·7	Feb.6	296·3	294·0	June 23	300·0	299·5			
	January																	
	February				..	..	..	303·8	305·4	13th	296·4	294·9	29th	300·1	299·7	+ 0·4	..	..
	March				..	..	..	303·6	305·4	10th	296·1	294·7	22nd	299·9	299·4	- 0·1	..	..
	April				..	..	..	303·6	305·4	25th	296·7	295·4	16th	300·1	299·7	+ 0·2	..	..
	May				..	..	..	303·2	304·7	3rd	296·5	295·4	19th	299·9	299·2	- 0·5	..	..
	June				..	..	..	303·4	305·9	6th	296·2	295·3	31st	299·8	299·2	- 0·6	..	..
	July				..	..	..	303·6	304·6	13th	296·3	294·4	25th	299·9	299·5	- 0·4	..	..
	August				..	..	..	303·1	305·1	1st	296·1	295·3	11th	299·6	299·0	+ 0·2	..	..
	September				..	..	..	303·5	304·8	10th	296·3	295·1	14th	299·9	299·4	+ 0·2	..	..
	October				..	..	..	303·2	304·6	29th	296·5	295·1	24th	299·9	299·4	+ 0·2	..	..
	November				..	..	..	303·1	306·3	3rd	296·2	295·5	10th	299·7	299·2	+ 0·4	..	..
	December				..	..	..	303·1	304·7	4th	296·8	295·6	10th	299·9	299·4	0·0	..	..
	Year				..	..	..	303·1	305·1	11th	296·2	295·0	11th	299·7	299·1	0·0	..	..
	1921				..	..	..	303·4	306·3	Oct.3	296·4	294·4	June 25	299·9	299·4			
	January																	
	February				..	..	..	303·3	304·5	29th	296·6	295·2	21st	299·9	299·3	- 0·6	..	..
	March				..	..	..	303·1	306·3	17th	295·9	294·7	6th	299·5	298·9	- 0·6	..	..
	April				..	..	..	303·2	305·5	29th	296·1	294·3	4th	299·7	299·1	- 0·4	..	..
	May				..	..	..	303·7	305·2	26th	296·7	295·6	7th	300·2	299·9	+ 0·2	..	..
	June				..	..	..	304·0	305·4	8th	297·3	295·9	29th	300·7	300·2	- 0·4	..	..
	July				..	..	..	303·3	304·7	19th	296·1	295·0	16th	299·7	299·2	+ 0·4	..	..
	August				..	..	..	303·4	305·6	31st	296·2	295·0	10th	299·8	299·3	- 0·1	..	..
	September				..	..	..	303·6	305·2	22nd	296·7	295·3	5th	300·1	299·7	+ 0·4	..	..
	October				..	..	..	..	..	..	..	..	..	..	..	..	..	..
	November				..	..	..	302·8	304·8	2nd	296·3	294·6	17th	299·5	299·1	+ 0·1	..	..
	December				..	..	..	302·6	304·4	30th	296·1	294·6	10th	299·3	298·9	- 0·1	..	..
	Year				..	..	..	303·5	305·3	31st	296·6	295·5	26th	300·1	299·4	+ 0·3	..	..
	1922																	
	January				..	..	..	..	..	..	..	..	..	..	..	..	..	..
	February				..	..	..	303·5	305·6	7th	296·3	295·3	29th	299·9	299·3	0·0	..	..
	March				..	..	..	303·8	305·3	18th	295·9	294·2	25th	299·9	299·4	- 0·1	..	..
	April				..	..	..	303·2	304·8	28th	296·3	295·3	3rd	299·7	299·3	- 0·2	..	..
	May				..	..	..	303·7	306·4	22nd	296·3	294·5	28th	300·0	299·5	- 0·1	..	..
	June				..	..	..	303·7	305·5	1st	296·5	295·5	16th	300·0	299·7	- 0·2	..	..
	July				..	..	..	304·0	305·5	22nd	296·4	295·2	27th	300·2	299·8	+ 0·2	..	..
	August				..	..	..	303·2	304·9	12th	296·0	294·6	10th	299·6	299·2	- 0·1	..	..
	September				..	..	..	303·3	305·4	25th	296·2	294·9	31st	299·7	299·1	- 0·3	..	..
	October				..	..	..	303·2	304·7	16th	296·2	294·6	9th	299·7	299·1	- 0·1	..	..
	November				..	..	..	302·7	304·4	3rd	295·9	294·9	24th	299·3	298·7	- 0·3	..	..
	December				..	..	..	302·8	304·5	11th	296·3	295·3	6th	299·5	299·0	- 0·6	..	..
	Year				..	..	..	302·1	305·4	7th	296·0	294·2	14th	299·1	298·5	- 0·6	..	..
	1923							303·3	306·4	Apr.22	296·2	294·2	Feb.25,Dec.14	299·7	299·2	- 0·2		
	January																	
	February				..	..	..	302·3	304·4	28th	295·8	294·7	21st	299·1	298·5	- 0·8	..	..
	March				..	..	..	303·4	305·5	8th	296·2	295·0	23rd	299·8	299·2	- 0·3	..	..
	April				..	..	..	303·6	305·5	1st	296·1	294·8	1st	299·9	299·5	0·0	..	..
	May				..	..	..	303·7	305·3	28th	296·4	295·0	28th	300·1	299·5	- 0·2	..	..
	June				..	..	..	304·0	305·3	20th	296·1	294·7	15th	300·1	299·6	- 0·2	..	..
	July				..	..	..	304·1	305·2	21st	296·4	295·2	23rd	300·3	299·9	+ 0·3	..	..
	August				..	..	..	303·4	305·1	8th	296·1	294·7	12th	299·7	299·2	- 0·2	..	..
	September				..	..	..	304·2	304·8	26th	296·0	294·1	30th	300·1	299·3	- 0·1	..	..
	October				..	..	..	302·9	304·2	3rd	296·4	294·8	12th	299·7	299·4	+ 0·2	..	..
	November				..	..	..	303·2	304·8	1st	296·5	295·5	3rd	299·5	298·9	- 0·1	..	..
	December				..	..	..	303·2	305·2	15th	296·8	295·6	29th	300·0	299·4	+ 0·4	..	..
	Year				..	..	..	303·4	305·9	25th	296·8	294·8	28th	300·1	299·6	+ 0·3	..	..
	1924							303·4	305·9	Dec.25	296·3	294·1	Aug.30	299·9	299·3	- 0·1		
	January																	
	February				..	..	..	303·6	304·9	31st	297·1	295·7	1st	300·3	300·1	+ 0·8	..	..
	March				..	..	..	304·0	306·3	18th	297·0	295·0	14th	300·5	300·1	+ 0·6	..	..
	April				..	..	..	303·7	305·6	28th	297·1	296·3	5th	300·4	299·9	+ 0·4	..	..
	May				..	..	..	304·0	305·6	5th	297·1	295·1	16th	300·5	300·3	+ 0·6	..	..
	June				..	..	..	303·5	305·9	18th	296·9	295·4	25th	300·2	299·7	- 0·1	..	..
	July				..	..	..	304·0	305·7	8th	297·0	295·8	29th	300·5	299·9	+ 0·3	..	..
	August				..	..	..	304·1	305·1	24th	296·9	295·4	27th	300·5	300·0	+ 0·6	..	..
	September				..	..	..	302·9	304·5	3rd	297·1	295·4	30th	300·0	299·6	+ 0·3	..	..
	October				..	..	..	302·7	304·1	6th	297·2	296·0	13th	299·9	299·4	+ 0·2	..	..
	November				..	..	..	302·3	304·0	13th	296·9	295·3	2nd	299·6	299·2	+ 0·2	..	..
	December				..	..	..	302·7	305·3	4th	296·3	295·3	29th	299·5	298·9	- 0·1	..	..
	Year				..	..	..	302·8	303·9	5th	296·0	294·6	12th	299·4	298·9	- 0·2	..	..
					..	..	..	303·4	306·3	Feb.18	296·9	294·6	Dec.12	300·1	299·7	+ 0·3	..	..

ADDITIONS AND CORRECTIONS - continued

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
1919 - 1926-continued		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
957	Padang (cont.)	0 56	100 22	6·7														
	1925																	
	January																	
	February				..	..	..	302·4	304·3	24th	295·8	294·6	9th	299·1	298·4	- 0·9	..	..
	March				..	..	..	303·3	305·4	13th	296·0	294·5	7th	299·7	299·2	- 0·3	..	..
	April				..	..	..	302·6	304·6	14th	295·9	294·6	23rd	299·3	298·9	- 0·6	..	..
	May				..	..	..	303·3	304·4	18th	296·6	295·8	3rd	299·9	299·4	- 0·3	..	..
	June				..	..	..	304·0	306·1	14th	296·8	295·6	11th	300·4	300·0	+ 0·2	..	..
	July				..	..	..	303·5	305·2	5th	296·3	294·9	20th	299·9	299·5	- 0·1	..	..
	August				..	..	..	303·3	304·8	14th	296·3	295·6	29th	299·8	299·3	- 0·1	..	..
	September				..	..	..	302·4	304·2	12th	296·6	296·0	17th	299·5	299·3	0·0	..	..
	October				..	..	..	302·3	303·7	28th	297·4	296·7	12th	299·9	299·5	+ 0·3	..	..
	November				..	..	..	302·3	303·5	18th	297·3	296·6	6th	299·8	299·4	+ 0·4	..	..
	December				..	..	..	302·1	303·6	12th	297·3	296·0	28th	299·7	299·2	+ 0·2	..	..
	Year				..	..	..	302·2	303·8	26th	297·0	295·6	25th	299·6	299·2	+ 0·1	..	..
	1926							302·8	306·1	May 14	296·6	294·5	Feb. 7	299·7	299·3	- 0·1		
	January																	
	February				..	..	..	302·9	304·7	24th	297·0	295·4	20th	299·9	299·7	+ 0·4	..	..
	March				..	..	..	303·6	305·4	13th	297·5	296·3	9th	300·5	300·0	+ 0·5	..	..
	April				..	..	..	303·8	305·6	24th	296·9	295·6	5th	300·3	299·9	+ 0·4	..	..
	May				..	..	..	304·2	305·1	25th	297·3	295·0	21st	300·7	300·2	+ 0·5	..	..
	June				..	..	..	303·6	304·7	30th	297·3	296·3*	19th	300·5	300·0	+ 0·2	..	..
	July				..	..	..	303·9	305·1	12th	297·0	295·5	29th	300·5	300·1	+ 0·5	..	..
	August				..	..	..	303·6	304·8	8th	296·8	295·7	31st	300·2	299·9	+ 0·5	..	..
	September				..	..	..	303·5	305·8	10th	296·8	295·5	25th	300·1	299·8	+ 0·5	..	..
	October				..	..	..	303·3	304·6	28th	296·8	295·0	24th	300·1	299·6	+ 0·4	..	..
	November				..	..	..	302·8	304·6	12th	296·9	296·1	18th	299·9	299·3	+ 0·3	..	..
	December				..	..	..	302·6	304·6	24th	296·9	295·8	19th	299·7	299·1	+ 0·1	..	..
	Year				..	..	..	302·7	304·8	5th	296·5	295·1	31st	299·6	299·1	0·0	..	..
1919 - 1924:-																		
958a	Fontianak																	
	1919																	
	January	0 1	109 20	2·6														
	February																	
	March				..	..	..	303·5	305·3	26th	296·3	295·6	16th	299·9	298·9	- 0·2	..	..
	April				..	..	..	304·2	305·8	6th	296·7	295·5	8th	300·5	299·4	- 0·1	..	..
	May				..	..	..	305·0	306·7	25th	296·7	295·8	21st	300·9	300·0	+ 0·3	..	..
	June				..	..	..	305·0	306·8	17th	296·8	295·4	9th	300·9	300·0	+ 0·2	..	..
	July				..	..	..	305·1	307·0	31st	296·9	296·0	18th	301·0	299·8	- 0·2	..	..
	August				..	..	..	305·8	307·5	17th	297·2	296·0	29th	301·5	300·7	+ 0·6	..	..
	September				..	..	..	304·3	306·6	5th	296·2	294·3	31st	300·3	299·5	- 0·4	..	..
	October				..	..	..	305·6	307·2	25th	296·0	293·6	2nd	300·8	300·3	+ 0·4	..	..
	November				..	..	..	304·1	306·4	9th	296·1	294·8	14th	300·1	299·2	- 0·5	..	..
	December				..	..	..	304·6	306·8	19th	296·5	295·5	28th	300·5	299·6	+ 0·2	..	..
	Year				..	..	..	302·9	305·0	2nd	296·3	295·4	24th	299·6	298·7	- 0·5	..	..
	1920				..	..	..	303·0	305·3	21st	296·4	295·4	17th	299·7	298·7	- 0·4	..	..
	January				..	..	..	304·4	307·5	June 17	296·5	293·6	Aug. 2	300·5	299·6	0·0	..	..
	February																	
	March				..	..	..	304·6	306·5	29th	296·1	294·3	17th	300·3	299·5	0·0	..	..
	April				..	..	..	304·0	306·7	9th	296·4	294·9	3rd	300·2	299·3	- 0·4	..	..
	May				..	..	..	304·2	307·1	3rd	297·1	296·1	28th	300·7	299·8	0·0	..	..
	June				..	..	..	304·7	306·9	29th	296·2	294·2	24th	300·5	299·6	- 0·4	..	..
	July				..	..	..	305·1	307·1	23rd	297·0	294·2	21st	301·1	300·3	+ 0·2	..	..
	August				..	..	..	305·6	307·2	30th	296·3	294·2	21st	300·9	300·3	+ 0·4	..	..
	September				..	..	..	304·2	306·9	26th	296·3	295·2	21st	300·3	299·3	- 0·6	..	..
	October				..	..	..	305·2	307·0	3rd	297·0	294·2	6th	301·1	300·6	+ 0·9	..	..
	November				..	..	..	303·2	305·6	31st	296·3	295·2	5th	299·7	298·8	- 0·6	..	..
	December				..	..	..	304·1	305·9	7th	296·7	295·6	15th	300·4	299·3	+ 0·1	..	..
	Year				..	..	..	304·4	306·1	6th	296·5	295·7	24th	300·5	299·7	+ 0·6	..	..
	1921																	
	January																	
	February																	
	March				..	..	..	303·6	305·4	5th	296·3	295·0	13th	299·9	298·9	- 0·2	..	..
	April				..	..	..	303·4	306·1	11th	296·6	294·8	4th	300·0	299·2	- 0·3	..	..
	May				..	..	..	304·5	306·3	22nd	296·7	295·5	27th	300·6	299·5	- 0·2	..	..
	June				..	..	..	305·4	306·9	28th	296·8	296·1	14th	301·1	300·0	+ 0·2	..	..
	July				..	..	..	304·7	307·0	8th	297·0	295·9	26th	300·9	299·9	- 0·2	..	..
	August				..	..	..	304·8	307·0	19th	296·7	295·8	25th	300·7	299·9	0·0	..	..
	September				..	..	..	305·4	306·5	11th	296·4	294·5	6th	300·9	300·1	+ 0·2	..	..
	October				..	..	..	304·6	306·9	6th	296·3	295·3	11th	300·5	299·5	- 0·2	..	..
	November				..	..	..	304·6	307·0	3rd	296·4	294·6	7th	300·5	299·3	- 0·1	..	..
	December				..	..	..	303·8	305·9	22nd	296·3	295·5	29th	300·1	298·9	- 0·3	..	..
	Year				..	..	..	303·8	305·5	16th	296·5	295·4	14th	300·1	299·3	+ 0·2	..	..
	1922				..	..	..	304·5	307·0	4 months	296·5	294·5	Aug. 6	300·5	299·5	- 0·1	..	..
	January																	
	February																	
	March				..	..	..	304·0	306·5	6th	296·3	295·9	8th	300·1	299·2	+ 0·1	..	..
	April				..	..	..	304·9	306·4	22nd	296·1	294·3	20th	300·5	299·6	+ 0·1	..	..
	May				..	..	..	304·7	306·6	22nd	296·6	295·1	5th	300·7	299·6	- 0·1	..	..
	June				..	..	..	305·5	307·7	27th	296·6	295·0	1st	301·1	300·1	+ 0·3	..	..
	July				..	..	..	305·2	307·4	2nd	296·7	295·6	11th	300·9	300·0	0·0	..	..
	August				..	..	..	305·3	307·1	11th	296·9	295·7	23rd	301·1	300·1	0·0	..	..
	September				..	..	..	305·2	306·4	7th	296·2	293·8	27th	300·7	300·0	+ 0·1	..	..
	October				..	..	..	304·9	307·1	3rd	296·4	295·3	8th	300·7	299·8	- 0·1	..	..
	November				..	..	..	305·4	307·1	27th	296·4	294·6	19th	300·9	300·0	+ 0·3	..	..
	December				..	..	..	304·8	307·1	1st	296·4	295·1	19th	300·6	299·2	- 0·2	..	..
	Year				..	..	..	304·5	306·8	16th	296·4	295·6	15th	300·5	299·3	+ 0·1	..	..
					..	..	..	303·6	306·5	16th	296·5	295·5	8th	300·1	299·3	+ 0·2	..	..
					..	..	..	304·8	307·7	Apr.27	296·5	293·8	July 27	300·7	299·7	+ 0·1	..	..

ADDITIONS AND CORRECTIONS - continued

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	t24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
1919 - 1924-continued		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
958a	Pontianak (cont.)	0 1	109 20	2·6														
	1923																	
	January				..	..	..	304·1	306·0	29th	296·2	294·5	26th	300·1	299·2	+ 0·2	..	..
	February				..	..	..	304·4	306·9	21st	296·2	294·7	27th	300·3	299·5	+ 0·0	..	..
	March				..	..	..	305·1	307·1	30th	296·2	294·5	20th	300·7	299·9	+ 0·2	..	..
	April				..	..	..	305·3	307·8	6th	297·0	295·8	14th	301·1	300·3	+ 0·5	..	..
	May				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	June				..	..	..	305·7	307·7	20th	296·9	295·8	30th	301·3	300·5	+ 0·4	..	..
	July				..	..	..	304·5	306·7	23rd	296·0	294·8	19th	300·3	299·4	- 0·5	..	..
	August				..	..	..	305·5	307·3	24th	296·1	294·5	20th	300·8	300·1	+ 0·2	..	..
	September				..	..	..	305·6	307·1	29th	296·4	294·6	22nd	301·0	300·1	+ 0·4	..	..
	October				..	..	..	304·4	306·9	8th	296·1	294·5	29th	300·3	299·0	- 0·4	..	..
	November				..	..	..	304·7	307·0	17th	296·7	295·2	24th	300·7	299·4	+ 0·2	..	..
	December				..	..	..	304·0	306·1	2nd	296·7	295·2	2nd	300·3	299·5	+ 0·4	..	..
	Year				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1924																	
	January				..	..	..	304·5	306·4	25th	296·9	295·8	12th	300·7	299·8	+ 0·7	..	..
	February				..	..	..	305·2	307·5	23rd	297·3	296·5	13th	301·3	300·3	+ 0·8	..	..
	March				..	..	..	304·7	307·3	14th	297·2	296·0	27th	300·9	300·0	+ 0·3	..	..
	April				..	..	..	305·5	307·6	16th	297·2	296·1	19th	301·3	300·4	+ 0·6	..	..
	May				..	..	..	305·0	307·2	3rd	297·3	296·1	25th	301·1	300·1	+ 0·1	..	..
	June				..	..	..	305·4	307·1	16th	297·2	296·1	21st	301·3	300·5	+ 0·4	..	..
	July				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	August				..	..	..	305·3	307·1	25th	297·0	295·9	30th	301·1	300·3	+ 0·4	..	..
					..	..	..	305·2	307·1	17th	297·2	295·1	20th	301·2	300·5	+ 0·6	..	..
1929 - 1931:-		N.	W.															
101	Wrangel Island	70 58	178 33	3·0														
	1929																	
	January				1025·5	1025·9	+ 7·0	255·0	263·5	..	247·2	233·9	..	251·1	251·0	+ 2·0	4	..
	February				1025·6	1026·0	+ 4·1	253·3	258·8	..	245·5	236·7	..	249·4	249·4	+ 1·9	5	..
	March				1016·0	1016·4	- 6·7	252·3	270·4	..	242·7	233·0	..	247·5	247·4	- 2·1	11	..
	April				1014·6	1015·0	- 4·1	259·4	273·5	..	252·2	243·8	..	255·8	255·8	- 0·5	8	..
	May				1017·1	1017·5	+ 0·4	267·1	273·8	..	261·2	252·3	..	264·1	264·5	- 0·4	5	..
	June				1017·6	1018·0	+ 4·9	275·6	282·6	..	270·8	266·8	..	273·2	273·1	- 0·4	11	..
	July				1015·0	1015·4	+ 5·2	277·5	282·5	..	272·5	269·7	..	275·0	274·8	- 0·6	7	..
	August				1008·7	1009·1	- 2·4	276·9	281·8	..	273·0	269·9	..	274·9	274·9	- 0·0	47	..
	September				1015·1	1015·5	+ 0·8	272·8	..	..	268·7	261·5	..	270·7	271·0	- 0·2	9	..
	October				1008·2	1008·6	- 3·3	264·3	274·9	..	259·1	249·4	..	261·7	261·9	- 3·2	5	..
	November				1018·4	1018·8	+ 0·9	256·5	269·3	..	249·2	239·8	..	252·9	252·8	- 4·1	5	..
	December				1014·4	1014·8	- 1·1	254·0	268·3	..	245·0	236·6	..	249·5	249·2	- 2·4	..	..
	Year				1016·3	1016·7	+ 0·4	263·7	282·6	June	257·3	233·0	Mar.	260·5	260·5	- 0·8	..	..
	1930																	
	January				1015·8	1016·2	- 2·7	264·0	273·3	..	255·2	236·0	..	259·6	259·6	+10·6	5	..
	February				1018·2	1018·6	- 3·3	249·9	265·2	..	242·2	234·5	..	246·1	246·1	- 1·4	4	..
	March				1023·5	1023·9	+ 0·8	250·4	267·8	..	241·4	230·0	..	245·9	246·6	- 2·9	6	..
	April				1019·0	1019·4	+ 0·3	259·2	270·5	..	251·4	240·1	..	255·3	255·9	- 0·2	2	..
	May				1015·5	1015·9	- 1·2	267·2	277·7	..	260·9	248·7	..	264·1	264·6	- 0·2	1	..
	June				1011·4	1011·8	- 1·3	276·5	281·5	..	272·3	268·1	..	274·4	274·4	+ 0·9	43	..
	July				1006·0	1006·4	- 3·8	277·2	284·7	..	273·2	271·1	..	275·2	275·1	- 0·3	35	..
	August				1009·2	1009·6	- 1·9	276·3	281·9	..	272·3	269·7	..	275·0	275·6	- 0·6	12	..
	September				1014·4	1014·8	+ 0·1	272·8	277·8	..	269·2	264·3	..	271·0	271·1	- 0·1	29	..
	October				1012·0	1012·4	+ 0·5	270·4	274·6	..	266·6	253·6	..	268·5	268·6	+ 3·5	3	..
	November				1019·4	1019·8	+ 1·9	257·3	265·9	..	251·5	246·6	..	254·4	254·5	- 2·4	3	..
	December				1013·4	1013·8	- 2·1	254·6	258·7	..	249·3	242·1	..	251·9	252·9	+ 0·2	150	..
	Year				1014·8	1015·2	- 1·1	264·6	284·7	July	258·8	230·0	Mar.	261·7	261·9	+ 0·6		
	1931																	
	January				1019·2	1019·6	+ 0·7	250·5	258·8	22nd	243·6	234·1	9th	247·1	247·1	- 1·9	1	..
	February				1019·9	1020·3	- 1·6	246·6	254·5	12th	240·7	231·1	20th	243·7	243·6	+ 3·9	1	..
	March				1027·2	1027·6	+ 4·5	256·9	269·0	9th	248·6	241·7	2nd	252·7	252·7	+ 3·2	1	..
	April				1015·5	1015·9	- 3·2	259·8	272·2	25th	251·9	240·1	18th	255·9	256·3	+ 0·2	5	..
	May				1016·4	1016·8	- 0·3	267·6	273·5	21st	261·7	252·4	12th	264·7	265·2	+ 0·3	10	..
	June				1014·8	1015·2	+ 2·1	274·8	280·8	26th	269·6	262·9	5th	272·2	272·4	- 1·1	18	..
	July				1006·7	1007·1	- 3·1	277·0	281·2	13th	272·0	268·1	4th	274·5	274·4	- 1·0	8	..
	August				1010·8	1011·2	- 0·3	276·7	281·4	26th	272·8	270·6	29th	274·7	274·3	- 0·6	3	..
	September				1014·4	1014·8	+ 0·1	272·0	277·9	1st	268·2	264·5	25th	270·1	270·1	- 1·1	4	..
	October				1006·0	1006·4	- 5·5	264·0	271·9	9th	258·9	251·3	15th	261·5	261·4	- 3·7	4	..
	November				1012·8	1013·2	- 4·7	257·0	262·5	8th,17th	250·0	244·0	7th	253·5	253·3	- 3·6	1	..
	December				1007·1	1007·5	- 8·4	255·0	264·6	6th	247·1	237·0	30th	251·1	251·3	- 0·2	60	..
	Year				1014·3	1014·7	- 1·6	263·2	281·4	Aug.26	257·1	231·1	Feb.20	260·1	260·2	- 1·1		
162	Bouloune	N. 70 45	E. 127 47	35														
	1929																	
	January				1024·8	1030·1	+ 6·2	..	251·1	..	..	223·1	..	..	232·5	- 1·4	..	..
	February				1026·6	1031·7	+ 5·6	..	260·2	..	..	228·7	..	..	241·0	+ 3·1	..	..
	March				1010·4	1015·3	- 5·3	..	266·9	..	..	229·5	..	..	245·4	- 1·6	..	..
	August				1007·6	1011·9	+ 1·5	..	292·8	..	..	271·9	..	..	280·9	- 1·7	..	..
	September				1013·4	1017·8	+ 4·6	..	279·2	..	..	266·6	..	..	273·3	- 1·5	..	..
	October				1010·7	1015·3	+ 2·2	..	274·2	..	..	240·5	..	..	261·6	- 0·4	..	..
	November				1014·0	1019·1	+ 1·0	..	262·2	..	..	222·5	..	..	238·0	- 6·3	..	..
	December				1021·8	1027·0	+ 6·3	..	248·6	..	..	224·0	..	..	235·9	- 1·8	..	..
	Year				..	..	..	..	..	..	..	222·5	Nov.	..	..	..	..	..
	1930																	
	January				1017·1	1022·3	- 1·6	..	255·4	..	..	224·1	..	..	235·7	+ 1·8	..	..
	February				1019·8	1025·0	- 1·1	..	259·3	..	..	220·3	..	..	236·5	- 1·4	..	..
	March				1013·9	1018·7	- 1·9	..	268·8	..	..	227·8	..	..	251·2	+ 4·2	..	..
	April				1009·9	1014·6	- 1·5	..	268·9	..	..	239·2	..	..	255·1	- 1·4	..	..
	May				1009·1	1013·6	+ 0·4	..	282·1	..	..	254·0	..	..	266·9	- 2·2	..	..
	June				1003·0	1007·3	- 1·2	..	297·3	..	..	273·9	..	..	282·5	+ 2·0	..	..
	July				1004·3	1008·5	+ 0·5	..	303·2	..	..	272·1	..	..	284·1	- 1·4	..	..
	August				1005·2	1009·5	- 0·9	..	296·8	..	..	272·6	..	..	282·4	- 0·2	..	..
	September				1009·9	1014·3	+ 1·1	..	289·2	..	..	266·3	..	..	275·6	+ 0·8	..	..
	October				1009·6	1014·2	+ 1·1	..	273·7	..	..	246·9	..	..	260·9	- 1·1	..	..
	November				1018·2	1023·1	+ 5·0	..	265·5	..	..	233·8	..	..	251·0	+ 6·7	..	..
	December				1014·0	1019·1	- 1·6	..	257·7	..	..	217·4	..	..	236·6	- 1·1	..	..
	Year				1011·1	1015·8	- 0·2	..	303·2	July	..	217·4	Dec.	..	259·9	+ 0·5	..	..

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	t24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
1926 - 1931:-continued		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
160	Bouloune (cont.)	70 45	127 47	35														
	1931																	
	January				1022·3	1027·6	+ 3·7	..	245·8	..	225·3	219·3	14th	..	229·1	- 4·8	2	..
	February				1020·6	1025·9	- 0·2	..	255·3	..	228·5	217·4	6th	..	232·0	- 5·9	10	..
	March				1011·9	1016·8	- 3·8	..	265·3	31st	240·3	223·4	4th	..	245·8	- 1·2	6	..
	April				1014·4	1019·2	+ 3·1	..	269·8	30th	248·1	234·7	10th	..	253·4	- 4·1	5	..
	May				1010·6	1015·1	+ 1·9	276·4	287·6	31st	267·0	258·0	1st	271·7	272·4	+ 2·9	31	..
	June				1006·6	1010·9	+ 2·4	284·7	296·0	26th	277·1	271·1	7th	280·9	280·9	+ 0·4	27	..
	July				1001·6	1005·8	- 2·2	291·5	302·6	24th	283·0	275·7	30th	287·2	287·6	+ 2·1	41	..
	August				1004·2	1008·5	- 1·9	285·4	298·2	8th	278·0	270·1	22nd	281·7	281·7	- 0·9	49	..
	September				1009·9	1014·3	+ 1·1	279·7	286·5	1st	274·1	265·8	19th	276·9	276·8	+ 2·0	24	..
	October				1008·6	1013·1	0·0	269·3	274·8	19th	264·4	255·3	16th	266·8	267·1	+ 5·1	26	..
	November				1011·9	1016·8	- 1·3	251·5	263·9	3rd	242·4	228·9	19th	247·0	246·7	+ 2·4	13	..
	December				1011·8	1016·7	- 4·0	..	267·8	2nd	240·6	223·6	11th	..	244·7	+ 7·0	14	..
	Year				1011·2	1015·9	- 0·1	..	302·6	July 24	255·7	217·4	Feb.6	..	259·8	+ 0·4	248	..
1931:-																		
161	Villoujsk																	
	1931																	
	January	63 45	121 35	120														
	February				1022·8	1041·3	..	..	..	..	224·4	214·5	2nd	..	227·3	- 6·7	11	+ 2
	March				1009·1	1026·8	..	..	262·5	28th	230·2	215·0	2nd	..	235·0	- 7·0	8	0
	April				998·4	1014·7	..	259·9	268·4	31st	245·6	231·9	11th	252·8	252·8	+ 0·2	8	+ 1
	May				1000·4	1016·2	..	268·3	276·4	28th	254·6	245·9	5th	261·4	261·6	- 3·1	12	+ 5
	June				999·2	1013·9	..	284·8	297·2	26th	271·6	259·6	5th	278·2	279·1	+ 2·1	6	-17
	July				993·0	1007·1	..	293·9	304·4	27th	282·7	275·6	7th	288·3	288·3	+ 0·7	64	+33
	August				992·6	1006·4	..	296·3	305·0	24th	285·5	281·0	30th	290·9	290·6	- 0·6	71	+36
	September				994·6	1008·8	..	291·5	303·0	2nd	279·9	272·9	23rd	285·7	285·1	- 2·2	47	+ 6
	October				999·8	1014·4	..	286·4	300·2	1st	276·6	266·2	29th	281·5	280·7	+ 2·5	16	-11
	November				1003·5	1018·8	..	273·0	280·2	9th	264·8	254·9	17th	268·9	268·4	+ 3·5	4	-13
	December				1003·0	1019·5	..	..	270·2	12th	246·9	231·9	18th,19th	..	250·3	+ 3·3	12	- 1
	Year				1004·3	1021·0	..	..	269·3	2nd	243·0	226·4	12th	..	247·2	+11·4	19	+ 9
162					1001·8	1017·4	..	..	305·0	July 24	258·8	214·5	Jan.2	..	253·9	+ 0·4	278	+50
	Iakoutsk																	
	1931																	
	January	62 1	129 43	106														
	February				1014·2	1030·7	+ 0·4	..	230·5	27th	218·3	212·8	2nd	..	221·9	- 7·4	0	- 9
	March				1014·2	1030·3	+ 3·6	234·0	255·1	28th	222·4	211·2	4th	228·2	228·2	- 9·4	3	- 2
	April				1001·0	1015·4	- 4·7	258·8	270·1	15th	243·0	228·4	5th	250·9	250·9	+ 0·4	3	- 2
	May				1000·4	1014·3	+ 0·9	268·9	283·3	30th	252·0	241·4	1st	260·4	261·8	- 3·3	2	- 7
	June				1000·0	1013·0	+ 3·8	286·2	298·6	27th	271·3	258·1	6th	278·8	280·5	+ 1·9	1	-16
	July				994·2	1006·6	+ 1·1	296·3	304·1	28th	280·9	271·3	1st	288·6	289·8	+ 1·2	56	+19
	August				994·3	1006·6	+ 1·6	297·1	304·0	23rd	285·8	282·0	8th	291·4	291·9	+ 0·1	120	+80
	September				994·2	1006·7	- 0·8	293·2	302·1	3rd	279·6	270·2	25th	286·4	286·6	- 1·2	56	+ 7
	October				1000·8	1013·8	+ 1·6	288·6	298·2	1st	274·1	266·5	24th	281·4	281·4	+ 2·3	3	-22
	November				1004·8	1018·4	+ 2·3	271·8	278·7	9th	262·3	253·1	18th	267·0	267·3	+ 2·2	17	- 1
	December				1006·0	1020·8	- 0·1	252·3	270·0	3rd	243·1	224·9	19th	247·7	247·2	+ 1·7	13	+ 2
	Year				1006·2	1021·5	- 3·7	..	262·2	3rd	234·1	217·5	18th	..	238·7	+ 5·7	17	+ 7
163					1002·6	1016·4	+ 0·4	..	304·1	June 28	255·6	211·2	Feb.4	..	262·2	- 0·5	291	+56
	Yerkholansk																	
	1931																	
	January	67 33	133 24	122														
	February				1007·6	1026·6	+ 3·7	..	..	..	219·5	213·7	14th	..	222·8	- 0·1	6	+ 2
	March				1006·2	1024·8	+ 2·6	..	250·3	28th	221·6	211·8	3rd	..	226·0	- 2·7	4	+ 1
	April				997·2	1014·4	- 3·1	..	263·9	17th	234·5	214·9	3rd	..	243·2	+ 1·2	7	+ 5
	May				997·6	1014·0	+ 2·6	263·5	274·9	30th	243·2	230·7	6th	253·4	255·1	- 5·0	3	- 1
	June				994·4	1009·4	+ 1·9	284·6	297·4	31st	270·1	261·4	3rd	277·4	278·9	+ 3·8	0	- 7
	July				989·6	1003·6	0·0	293·1	301·7	20th	280·7	271·9	4th	286·9	287·3	+ 1·5	8	-16
	August				987·9	1001·9	- 2·6	297·9	309·4	21st	283·6	275·7	31st	290·8	292·3	+ 3·8	5	-21
	September				988·7	1003·1	- 4·4	289·9	302·2	2nd	277·7	269·0	20th	283·8	284·0	+ 0·4	7	-17
	October				995·6	1010·7	+ 0·8	283·4	297·9	3rd	269·6	261·9	28th	276·5	276·2	+ 0·9	8	- 5
	November				994·7	1010·4	- 1·8	268·5	276·6	9th	258·2	245·6	25th	263·4	263·8	+ 5·4	11	+ 4
	December				997·9	1015·4	- 1·1	..	..	..	234·9	225·2	29th	..	240·1	+ 3·5	11	+ 4
	Year				997·9	1015·8	- 7·8	..	..	..	229·0	214·2	31st	..	233·5	+ 6·8	7	+ 3
					996·3	1012·6	- 0·7	..	309·4	July 21	251·9	211·8	Feb. 3	..	258·6	+ 1·2	77	-48

Name of station	Authority for Current Data	Period of Normals	Remarks
1919-1926:-			
957 Padang	Batavia, Obs. Secondary Stations, Netherlands Indies, Vol. VIIIb (1919-1926)	℄, 1913-30.	t ℄ = mean of bi-hourly observations.
1919-1924:-			
958a Pontianak	Do. do.	℄, 15 yrs., 1912-24; '27-30.	t Do. do.
1929-1930:-			
101 Wrangel Island	Leningrad, Trans.Arctic.Inst.,Vol.86,1937.	P,℄ 10 yrs., 1926-36. R, 10 yrs., 1927-36.	e P,℄ = ½ (7+13+21).
162 Bouloune	Leningrad, Trans. Arctic Inst., Vol. 102,1937.	P, 10 yrs., 1914-17; '25-33. ℄, 16 yrs., 1909-16; '25-36.	e P = ¼ (7 +13+21). ℄ derived from these hours.

Authority for 1931 , see Table of Authorities, page 105.

RÉSEAU MONDIAL, JANUARY 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

JANUARY - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Cala Bay	80 20	52 48	5·9	1013·9	1014·7	..	..	271·7	..	..	237·6	..	..	253·2	..	7	..

BETWEEN LATITUDE 80° N. AND 70° N.

JANUARY - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
101	Wrangell Island	N.	W.															
105	Barrow	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
121	Pond Inlet	71 23	156 17	4·6	..	1017·9	- 1·8	247·4	255·2	21st	242·1	234·1	11th	244·7	..	- 2·0	0	- 4
125	Upernivik	72 43	78 30	4·0	..	1011·8	..	243·9	253·6	21st	236·6	228·6	13th	240·3	*240·4*	..	..	..
131	Myggbukta	72 47	56 7	19·2	1003·4	1005·9	+ 0·1	265·1	272·9	27th	259·3	250·0	16th	262·2	*262·2*	+11·3	..	..
132	Scoresbysund	73 29	21 34	3·2	1018·0	1018·5	..	..	267·8	25th	..	232·5	15th	..	*249·0*	..	2	..
135	Jan Mayen	70 29	21 58	16·9	1010·8	1013·0	..	259·4	269·1	30th	247·9	238·2	5th,7th	253·7	*255·7*	..	..	..
139	Svalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	1003·1	1006·0	+ 5·1	..	275·5	25th	266·9	259·0	12th	..	*269·4*	- 0·5	46	+ 5
140	¢Björnöen	78 13	E. 15 38	53·0	1003·9	1010·9	+ 5·7	..	274·0	6th	257·9	249·6	14th	..	260·9	..	13	..
141	Kings Bay	74 28	19 17	29·2	1003·8	1007·6	+ 5·5	..	275·2	7th	264·1	256·2	22nd	..	*266·7*	- 1·0	18	-24
142	Sletnes	71 4	24 6	4·3	1005·0	1005·5	+ 2·5	..	278·7	8th	269·2	265·3	17th	..	*271·1*	- 0·6	64	+ 8
143	¢Vardö	71 5	28 14	10·2	1005·6	1006·9	+ 5·3	..	277·1	8th	266·1	260·0	23rd	..	*269·0*	..	67	..
147	¢Malye Karmakouly																	
148	¢Valgatch	70 22	31 5	12·1	1006·7	1008·3	+ 3·8	..	273·9	4th	265·5	260·7	31st	..	*267·9*	+ 0·5	16	-52
		72 23	52 44	15·3	1011·1	1013·1	+ 5·2	..	273·5	..	..	240·9	..	..	*257·4*	+ 0·1	8	-10
150	Cape of Desire (Zhelanya)	70 24	58 48	11·2	1013·8	1015·3	+ 6·0	258·2	270·5	..	250·6	239·8	..	254·4	*254·7*	- 1·9	6	- 2
153	¢Dikson	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
162	Bouloune	73 30	80 23	13·0	1019·2	1021·0	+ 7·6	..	271·0	..	236·5	228·6	..	..	*238·9*	- 8·8	0	- 4

BETWEEN LATITUDE 70° N. AND 60° N.

JANUARY - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
201	Preobrajenye	N.	W.															
202	Savoonga	64 52	175 42	?31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	63 43	170 20	5·5	..	..	..	254·0	267·4	20th,21st	248·7	239·7	25th	251·3	..	..	10	..
204	Bethel	64 30	165 24	6·7	995·6	996·6	-13·2	264·1	276·9	19th	255·6	241·3	4th	259·8	*260·8*	+ 4·2	4	-23
205	Tanana	60 45	161 47	11·6	..	989·1	-16·6	264·3	276·9	18th	254·9	238·6	5th	259·6	..	- 0·5	2	-20
206	Rampart	65 10	152 6	69·5	991·5	1000·3	-13·9	258·6	268·0	19th	250·9	240·2	6th	254·8	*255·4*	+ 8·1	12	- 5
207	Valdez	65 30	150 15	114	..	..	..	256·7	263·6	13th,19th	248·8	241·9	5th	252·8	..	+ 8·2	12	- 5
208	Eagle	61 7	146 16	122	..	..	..	274·0	277·4	11th	267·2	260·8	23rd	270·6	..	..	205	..
209	Dawson	64 46	141 12	250	969·5	1001·7	-14·4	261·3	275·2	30th	250·8	223·6	22nd	256·1	*256·8*	+ 9·0	10	- 1
210	Aklavik	64 4	139 29	324	964·6	1007·7	..	256·3	273·0	12th	247·4	235·2	22nd	251·8	*252·1*	+ 9·0	23	+ 2
211	Fort Good Hope	68 14	134 50	7·6	1011·5	1012·6	..	247·3	255·2	2nd,3rd	239·9	227·4	23rd,24th	243·6	*243·6*	..	18	..
212	Fort Simpson	66 15	128 38	65·2	1010·6	1019·9	..	248·7	264·1	5th	240·2	223·6	22nd,23rd	244·5	*244·1*	+ 2·0	..	..
213	Hay River	61 52	121 15	126	995·2	1012·5	..	254·0	264·1	30th,31st	247·1	235·8	22nd	250·5	*250·6*	+ 5·9	15	- 1
214	Coppermine	60 51	115 57	161	991·7	1013·5	..	257·7	275·8	31st	247·2	228·6	22nd	252·4	*252·1*	+ 5·7	11	- 5
215	Chesterfield	67 49	115 10	4·6	1013·0	1013·6	..	248·3	260·8	12th	240·4	229·7	3rd	244·3	*244·4*	..	18	..
221	Nottingham Island	63 45	91 50	4·0	1008·8	1009·4	..	245·9	261·9	6th,7th	239·0	229·1	22nd	242·4	*242·9*	+ 1·5	..	..
222	Hope's Advance	63 7	77 56	16·5	1003·0	1005·2	..	253·3	259·7	7th,16th	245·1	236·3	30th	249·2	*249·9*	..	..	..
224	Resolution Island	61 5	69 33	79·2	994·6	1004·5	..	254·6	266·3	22nd	250·7	239·1	26th,27th	252·7	*253·1*	..	6	..
225	Jacobshavn	61 18	64 53	38·7	998·8	1003·0	..	260·2	270·8	21st	252·3	238·6	27,28,29	256·3	*256·7*	..	20	..
226	Godthaab	69 13	51 2	31·6	997·1	1001·2	- 2·0	266·4	274·2	26th	261·4	254·0	25th	263·9	*264·3*	+ 9·3	6	- 3
227	Ivigtut	64 10	51 43	20	..	..	..	271·0	277·2	12th	265·8	261·0	25th	268·4	*268·5*	+ 5·3	57	+20
229	¢Angmagsalik	61 12	48 10	30·0	995·8	999·6	+ 1·7	273·4	280·9	12th	266·6	259·1	29th	270·0	*270·5*	+ 5·0	144	+61
231	Stykkisholm	65 36	37 33	29·3	1002·4	1006·2	+ 9·1	268·3	274·1	28th	262·2	254·7	1st	265·3	*265·5*	+ 0·5	10	-67
232	Westmanno	65 5	22 46	25	..	1004·3	+ 6·9	274·1	278·5	4,5,13	268·5	262·6	18th	271·3	*271·2*	+ 0·4	83	+12
233	Grimsey	63 24	20 17	**122	..	1003·6	+ 5·3	276·1	280·0	9th,10th	271·9	267·8	18th	274·0	*274·1*	+ 0·3	143	- 3
234	¢Akureyri	66 33	18 1	22	..	1005·1	+ 4·3	272·9	278·4	5th	..	..	..	..	*270·7*	- 0·5	9	- 7
235	Teigarhorn	65 41	18 5	7	..	1005·5	+ 4·9	272·5	280·5	14th	267·2	258·2	4th	269·9	*270·1*	- 1·5	55	..
236	Hjyig	64 41	14 22	18	..	1004·4	+ 4·4	275·5	283·6	14th	269·2	262·6	18th	272·3	*272·0*	0·0	56	-70
	Lerwick	62 3	6 45	22·9	1000·6	1003·4	- 0·4	278·7	282·4	9th,10th	273·5	268·6	18th	276·1	*276·1*	+ 0·2	146	-25
237	Bergen, Fredriksberg	60 8	W. 1 11	18·0	..	1002·8	- 3·8	278·3	281·9	10th,11th	275·3	270·8	18th	276·8	*277·1*	- 0·1	119	+11
238	Aalesund	60 24	E. 5 19	44·4	998·4	1003·9	- 5·7	276·4	280·7	4th	272·7	268·4	15th	274·5	*274·6*	- 0·1	113	-55
239	Trondheim	62 28	6 10	6·3	1002·3	1003·1	- 4·4	..	282·3	1st	273·2	270·0	19th	..	*275·1*	- 0·3	93	-41
240	Bodo	63 26	10 25	59·2	997·0	1004·5	- 3·3	270·9	277·6	24th	266·2	256·2	20th	268·5	*269·0*	- 1·4	56	-33
242	Haparanda	67 17	14 26	17·0	1002·5	1004·6	- 0·1	..	278·3	8th	268·6	263·0	20th	..	*270·5*	- 0·9	23	-62
242a	Helsingfors	65 50	24 9	9·2	1009·5	1010·7	+ 1·1	264·6	270·5	23rd	257·5	242·0	21st	261·1	*261·5*	- 0·3	53	+14
	Muoplo	60 10	24 57	11·7	1006·9	1008·4	- 4·2	268·5	274·3	12th	263·4	247·5	22nd	265·9	*266·2*	- 0·6	79	+34
243	Kola	62 55	27 40	233	981·2	1011·5	- 0·3	263·7	270·5	11th	258·1	249·0	21st	260·9	*261·4*	- 2·3	50	+ 4
244	Petrozavodsk	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Archangelsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Mezen	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Ust-Tsylma	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Tshersyn	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
weight changed from 132m. to 122m. from January 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Straight	69 49 N.	60 45 E.	13·0	1014·0	1015·8	+ 5·5	257·4	267·8	..	248·4	240·2	..	252·9	253·4	- 1·4	4	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Villouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétrovpavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

JANUARY - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15 N.	170 10 W.	**5·8	..	984·1	-18·9	272·1	274·7	sev.dates	268·1	259·7	30th	270·1	..	+ 2·4	93	..
303	◊Dutch Harbor	53 55	166 30	4·0	979·3	980·0	-21·1	275·1	276·3	sev.dates	270·8	265·2	30th	272·9	273·3	- 0·3	205	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	275·2	276·9	13,20,28	270·6	264·7	31st	272·9	..	..	115	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	263·7	248·0	5th	..	..	..	20	..
306	Kodiak	57 48	152 22	4·6	985·1	985·8	-17·0	277·4	281·3	12th	272·6	265·8	2nd	275·0	275·1	+ 2·6	204	..
309	Sitka	57 3	135 19	19·8	..	..	..	280·8	285·8	19th	274·4	271·9	7th	277·6	..	+ 4·7	183	..
310	◊Prince Rupert	54 18	130 18	51·8	999·3	1005·6	- 5·8	281·1	286·9	30th	276·7	271·9	16th	278·9	279·1	+ 4·8	358	..
311	Prince George	53 50	122 48	570	943·6	1013·3	..	276·2	285·2	29th	266·2	256·3	7th	271·2	271·7	+ 8·8	7	..
312	◊Kamloops	50 41	120 20	385	970·2	1017·7	- 5·5	276·7	284·1	26th	272·2	266·3	21st	274·4	274·5	+ 6·5	..	..
313	Calgary	51 2	114 2	1058	890·1	1015·2	- 3·9	278·5	288·6	29th	266·4	256·9	12th	272·4	272·0	+10·3	1	..
314	Fort Smith	60 0	111 52	207	985·4	1013·0	..	257·8	271·9	31st	248·1	227·4	22nd	252·9	253·1	+ 6·1	24	..
315	Prince Albert	53 10	105 45	436	959·3	1015·3	- 6·3	266·7	283·0	29th	257·3	244·1	13th	262·0	262·1	+ 9·4	11	..
316	Qu'Appelle	50 31	103 56	654	934·6	1015·9	- 5·9	270·4	283·0	31st	260·3	241·3	13th	265·3	265·1	+10·3	6	..
317	Minnedosa	50 15	99 50	515	950·9	1016·4	- 4·6	266·8	277·4	29th	258·1	246·9	13th,14th	262·5	262·1	+ 8·3	9	..
318	Berens River	52 18	97 2	219	..	..	..	263·1	268·6	7th	253·2	241·3	20th	258·1	..	+ 6·9	..	..
319	Pagwa	50 3	85 18	189	..	..	..	261·4	273·0	8th	247·8	238·0	23rd	254·6	..	+ 0·8	36	..
320	Moose Factory	51 14	80 30	9·1	1015·1	1016·4	..	257·0	270·8	16th	245·9	233·6	24th	251·4	251·4	- 1·2	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	254·0	265·8	16th	243·3	232·4	23,24,31	248·7	..	+ 0·1	23	..
322	Mistassini Post	50 30	73 55	383	..	..	..	257·1	267·4	9th,10th	246·4	234·7	22nd	251·7	..	- 0·3	..	..
323	Fort Chimo	58 10	68 10	15·2	1006·6	1008·7	..	256·2	271·3	22nd	246·8	233·0	27th	251·5	251·4	+ 3·1	111	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	265·5	272·4	8th,12th	255·7	241·9	29th	260·6	..	+ 2·6	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	‡	..	..	..	..	..	..	..	..	..	..	..	..	81	..
334	Valentia Observatory	51 56	10 15 W.	13·7	1014·0	1015·7	+ 1·8	281·9	283·9	31st	278·1	271·4	14th	280·0	280·2	+ 0·1	73	..
335	Aberdeen	57 10	2 6	26·0	1003·1	1006·4	- 3·9	278·1	283·9	16th	273·9	270·0	7th	276·0	276·1	- 0·4	29	..
336	Greenwich	51 29	0 0	46·3	..	1012·7	- 3·6	279·2	284·1	16th,17th	274·2	269·7	6th,31st	276·7	276·9	+ 0·1	..	..
337	Uccle	50 48	4 22 E.	100	999·9	1012·3	- 4·7	278·9	284·5	3rd	273·9	267·4	9th	276·4	276·1	+ 1·4	99	..
338	De Bilt	52 6	5 11	3·0	1010·1	1010·5	- 6·0	278·1	281·9	17th	273·1	266·8	9th	275·6	275·6	+ 0·8	85	..
338a	Hamburg	53 33	9 58	40·3	1003·5	1008·5	- 8·2	275·8	280·6	24th	273·3	266·4	10th	274·5	274·2	+ 0·8	73	..
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1005·5	1006·1	- 9·1	275·3	280·6	16th	271·6	266·3	8th	273·5	273·7	+ 1·4	57	..
340	Potsdam	52 23	13 4	84·9	999·3	1009·9	- 7·8	275·1	284·0	4th	271·0	264·7	15th	273·1	272·9	+ 0·5	63	..
340a	Uppsala	59 51	17 38	24	1002·9	1005·9	- 6·5	270·7	275·3	25th	266·1	253·1	21st	268·4	268·4	- 0·4	41	..
341	Warsaw	52 13	21 3	883	1000·3	1011·5	- 7·9	274·6	278·6	17th	268·6	259·4	22nd,23rd	271·6	271·2	+ 0·6	4	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	998·7	1009·1	- 6·1	268·6	274·9	12th,13th	263·8	252·8	22nd	266·2	266·4	0·0	..	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	15	..
346	Kazan	55 47	49 8	80·6	1017·6	1028·5	+ 8·1	261·4	275·6	18th,19th	255·0	246·8	4th	258·2	258·1	- 1·3	..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	60 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeschensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Height changed from 28·0m. to 5·8m. from January 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24 N.	123 19 W.	70·1	1006·4	1015·0	- 0·9	281·3	286·3	29th	278·3	275·8	19th,31st	279·8	279·8	+ 2·9	118	+ 3
412	Portland, Oregon	45 32	122 41	46·6	1012·5	1018·3	- 0·5	282·9	290·8	27th	277·2	271·9	9th	280·1	279·8	+ 3·3	109	-57
413	◊Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
414a	Helena	49 44	113 24	953	..	..	..	279·7	290·2	30th	269·3	256·9	12th	274·5	274·5	+ 9·3	0	-17
415	Salt Lake City	46 34	112 4	1257	874·3	1020·3	+ 2·0	277·2	286·3	28th	268·6	261·9	20th	272·9	273·0	+ 6·3	1	-22
416	Cheyenne	40 46	111 54	1329	873·0	1026·1	+ 3·9	272·7	278·0	2nd	264·6	260·2	22nd	268·6	269·2	- 2·8	18	-17
416a	North Platte	41 8	104 48	1856	812·4	1020·3	+ 3·0	278·1	288·0	29th	266·7	258·6	9th	272·4	272·3	+ 2·8	4	- 6
417	Bismarck	41 8	100 45	860	918·0	1020·3	+ 0·5	280·6	290·2	29th	266·8	256·3	14th	273·7	272·8	+ 5·9	1	-10
418	Winnipeg	46 47	100 48	510	953·9	1016·9	- 2·6	274·5	288·0	29th	263·3	250·2	13th	268·9	268·7	+ 8·6	1	-12
	Duluth	49 53	97 7	232	986·4	1016·8	..	264·8	276·9	29th	256·7	248·0	14th	260·7	260·6	+ 7·6	7	-16
419		46 47	92 6	345	972·9	1015·9	- 3·0	270·3	276·9	26th	262·2	249·1	21st	266·2	266·2	+ 6·4	7	-19
420	Fort Arthur	48 27	89 12	196	990·5	1015·8	- 2·3	268·2	274·1	16th	259·0	244·1	21st	263·6	263·9	+ 4·9	33	+14
421	Chicago	41 47	87 35	205	992·2	1017·6	- 1·7	276·1	284·1	24th	269·9	258·6	21st	273·0	272·7	+ 4·7	14	-38
422	Toronto	43 40	79 24	116	1001·5	1016·3	- 1·8	272·7	279·7	25th	265·2	255·2	15th,22nd	268·9	268·7	+ 1·3	67	- 4
423	New York (Central Park)	40 47	73 58	47·4	1009·6	1015·6	- 2·5	277·0	286·3	27th	269·8	261·3	15th	273·4	273·5	+ 1·0	65	-24
424	St. John, N.B.	45 17	66 4	36·3	1006·4	1011·1	..	270·4	278·0	13th	262·0	251·9	25th	266·2	265·8	+ 0·5	112	-10
424a	St.Point, Anticosti	49 24	63 33	9·1	1005·6	1006·8	..	266·9	271·9	8,13,14	260·4	254·1	24th	263·7	264·2	+ 1·7	71	+ 9
	Sable Island (Main Station)	43 57	60 6	7·6	1009·3	1010·3	..	275·9	283·6	6th	270·2	260·8	25th	273·1	273·3	+ 0·9	140	+ 5
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Nantes	40 24	3 41 W.	667	941·8	1021·5	- 2·6	282·9	288·0	19th	274·3	268·0	16th	278·6	278·2	+ 0·9	18	- 7
437		47 15	1 34 W.	36·5	1012·2	1016·7	- 3·5	280·8	286·9	3rd	276·2	268·2	9th	278·5	278·6	+ 1·2	86	+22
438	Paris (Parc St. Maur)	48 49	2 30 E.	50·3	1009·1	1015·4	- 4·7	279·3	285·9	3rd	274·8	269·0	11th	277·0	277·1	+ 1·5	68	+29
438a	Marseille	43 18	5 23	75	..	1014·6	- 2·8	283·7	288·6	3rd,4th	275·7	267·2	12th	279·7	279·3	- 0·5	25	-17
439	Zürich	47 23	8 33	493	956·7	1017·1	- 5·1	276·6	285·5	3rd	270·4	262·5	12th	273·5	273·3	+ 1·5	98	+46
440	Rome	41 54	12 29	45·5	1007·2	1012·5	- 3·6	284·8	289·5	4th	278·1	273·7	19th	281·4	281·0	+ 1·1	47	-36
440a	Vienna	48 15	16 22	203	989·4	1014·7	- 6·0	275·4	281·1	17th	271·7	262·7	12th	273·6	273·5	+ 2·1	22	-15
441	Budapest	47 31	19 1	130	998·8	1015·2	- 5·9	275·7	282·3	5th	271·3	265·2	23rd	273·5	273·3	+ 1·5	48	+10
442	Sofia	42 42	23 20	550	949·3	1016·3	- 6·3	276·2	280·7	18th	272·0	266·9	29th	274·1	274·0	+ 3·2	59	+25
	Bucharest	44 25	26 6	82	1005·9	1016·2	- 5·0	275·4	279·9	5th	270·9	265·8	24th	273·1	272·8	+ 3·0	42	+ 8
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	272·8	..	..	268·1	..	..	270·5	..	+ 0·4	..	..
444a	Novorossiisk	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
446	Astrakhan	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Kramovodsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Andijan	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Moukden	41 46	123 24	44·3	1020·0	1025·9	- 2·3	267·0	276·2	31st	254·7	245·7	10th	260·9	260·7	+ 0·7	6	+ 1
463	Joshin	40 40	129 12	31·9	1017·6	1021·8	- 0·4	271·4	278·1	16th	262·3	251·4	10th	266·9	266·6	- 0·4	28	+ 6
464	Yuki	42 20	130 24	63·8	1014·1	1022·5	- 0·1	266·6	274·7	31st	258·7	247·0	10th	262·7	262·6	- 1·0	18	+13
464a	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1012·6	1016·4	+ 3·2	258·3	264·4	3,17,31	246·1	239·4	9th	252·2	252·6	- 5·8	10	-30
466	Nemuro	43 20	145 35	26·7	1009·7	1013·2	+ 1·2	269·2	274·8	17th	261·2	253·7	28th	265·2	265·6	- 2·4	48	+14
466a	Syanra	45 14 N.	147 53 E.	39·3	1006·6	1011·7	+ 1·8	266·7	272·8	17th	261·2	256·1	20th	263·9	264·0	- 3·5	90	- 4

BETWEEN LATITUDE 40° N. AND 30° N.

JANUARY - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48 N.	122 26 W.	47·2	1013·9	1020·0	- 0·1	287·3	293·0	29th	281·3	279·1	10th	284·3	284·2	+ 1·6	140	+19
512	Sacramento	38 35	121 30	21·0	1017·9	1020·3	+ 0·2	285·7	289·7	26th	277·4	272·4	12th	281·6	282·0	+ 0·9	64	-33
513	San Diego	32 43	117 10	26·5	1014·9	1018·3	- 0·2	292·1	300·2	28th	282·4	279·7	17th	287·3	287·1	+ 2·1	94	+48
514	Modena	37 48	113 54	1668	836·4	1023·7	+ 2·0	275·9	281·3	16th	261·1	254·1	4th	268·5	268·2	- 1·9	14	- 9
515	Santa Fé	35 41	105 57	2138	787·3	1022·0	+ 1·7	278·6	286·3	28th	265·1	259·1	20th	271·8	270·9	+ 0·6	6	-13
516	Denver	39 45	105 0	1613	837·8	1020·3	+ 2·9	281·1	290·8	29th	269·1	263·0	10th	275·1	274·9	+ 3·3	1	-10
517	Abilene	32 23	99 40	530	958·7	1021·3	+ 1·4	286·1	293·0	31st	275·9	267·4	14th	281·0	280·6	+ 1·1	46	+24
518	Saint Louis	38 38	90 12	173	998·6	1020·0	- 0·6	280·5	294·1	24th	271·9	260·2	14th	276·2	275·9	+ 3·4	10	-48
519	Mobile	30 41	88 2	17·4	1019·3	1021·3	+ 0·4	288·1	296·3	29th	278·6	270·2	15th	283·3	283·0	- 0·3	138	+18
520	Nashville	36 10	86 47	166	1001·3	1021·7	+ 0·2	282·6	293·6	30th	273·2	263·0	15th	277·9	277·9	+ 1·1	33	-87
521	Charleston	32 47	79 56	14·6	1018·3	1020·0	- 1·0	286·8	295·2	31st	278·0	271·9	15th	282·4	282·1	- 0·5	60	-18
522	Washington	38 54	77 3	34·1	1013·2	1017·6	- 2·9	280·2	290·8	27th	271·4	264·1	16th	275·8	275·4	+ 1·8	40	-47
524	Bermuda	32 17 N.	64 46 W.	38·1	1013·4	1017·9	..	292·8	295·8	20th	285·9	281·3	16th	289·3	289·0	- 1·3	201	+89
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

JANUARY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1017·8	1023·2	+ 2·3	290·2	292·7	23rd	286·4	281·0	8th	288·3	288·4	+ 1·1	120	
531	Horta	38 32	28 38	65	1014·9	1022·8	+ 1·4	290·2	292·1	28th	285·8	284·1	29th	288·0	287·8	+ 0·2	75	
532	Ponta Delgada	37 44	25 40	22	1021·1	1023·7	+ 1·4	289·5	292·0	1st	286·0	283·8	16th	287·7	287·9	+ 0·4	79	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	24	
533	Madeira (Funchal)	32 38	16 55	25	1020·8	1023·8	+ 2·0	291·9	293·7	3rd	286·5	283·5	29th	289·2	289·1	+ 0·9	54	
535	Lisbon	38 43	9 9	95	1010·4	1022·0	+ 0·9	286·4	290·5	27th	281·5	276·6	10th	284·0	283·7	+ 0·4	38	
536	Gibraltar	36 6	5 21	27·4	..	1020·2	- 1·3	289·9	295·2	27th	281·9	276·3	16th	285·9	284·7	+ 0·2	0	
536a	Colomb-Béchar	31 37	W. 2 13	769	933·5	1023·6	+ 0·9	289·0	298·1	28th	275·8	269·6	13th	282·4	281·3	+ 1·1		
537	Palma	39 34	E. 2 39	23	1014·4	1017·2	- 2·3	..	..	..	..	..	..	..	‡283·0	- 0·3	15	
538	Algiers	36 46	3 13	59	1010·9	1018·1	- 2·4	288·2	294·0	2nd	283·1	278·8	12th	285·7	285·3	+ 0·6	168	
538a	Gadames	30 18	9 30	351	..	..	..	293·2	301·4	4th	276·4	274·0	10th	284·8	..	+ 1·6	3	
539	Tunis	36 48	10 10	66	1007·0	1015·0	- 3·9	287·4	295·6	3rd	280·4	276·5	11th,31st	283·9	283·7	+ 0·7	50	
540	Malta	35 54	14 31	71·2	..	1013·2	- 3·5	288·1	293·0	4th	283·7	279·1	27th	285·9	285·5	+ 0·0	195	
541	Athens	37 58	23 43	107	999·9	1012·8	- 5·3	287·9	292·8	3rd	280·7	274·7	29th	284·3	284·3	+ 2·8	115	
542	¢Alexandria	31 12	29 53	32·0	1013·2	1017·0	- 1·1	293·1	297·3	8th	284·1	281·1	31st	288·6	288·0	+ 1·0	4	
543	Ankara	39 58	32 48	861	914·6	1017·1	- 3·6	278·7	286·4	14th	270·0	257·1	31st	274·3	274·2	..	40	
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1014·7	- 2·3	288·4	292·4	5th,15th	279·3	273·6	24th	283·9	..	+ 1·0	72	
544	¢Beirut	33 54	35 28	33·7	..	1015·5	- 2·3	289·7	293·7	17th	284·9	279·6	21st	287·3	287·2	+ 1·1	18	
545	Hinaidi	33 17	44 29	32·9	1013·2	1017·2	- 3·7	289·7	294·6	10th	277·8	269·7	25th	283·7	283·6	+ 1·6	10	
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	
547	Tehran	35 41	51 25	1220	871·5	1011·5	..	280·9	287·4	2nd	271·4	265·0	26th	276·2	275·8	+ 1·0	11	
548	Meshed	36 17	59 36	946	..	..	..	277·7	289·2	20th	..	..	..	..	..	..	47	
549	Seistan	31 2	61 30	?610	959·6	..	..	288·2	298·6	21st	274·9	268·9	10th,11th	281·6	..	+ 0·2	9	
550	Quetta	30 10	67 1	1647	836·9	..	- 0·8	284·4	291·9	2nd	271·8	267·4	4 days	278·2	277·8	+ 0·9	56	
551	Peshawar	34 1	71 35	355	977·8	1020·9	- 0·4	290·8	296·3	7th	278·5	275·2	29th	284·7	283·6	+ 1·0	61	
551a	Lahore	31 35	74 20	214	992·9	1018·9	+ 0·3	294·4	298·6	10th	279·1	275·2	1st	286·7	285·7	+ 1·0	44	
552	Simla	31 6	77 10	2202	783·8	..	+ 2·1	283·9	288·0	8th	277·2	271·9	29th	280·5	280·1	+ 1·8	6	
552a	Leh	34 9	77 34	3503	665·8	..	+ 0·8	..	..	..	263·3	258·0	29th,31st	..	..	..	7	
558	Sian	34 31	109 5	365	981·0	1026·9	..	274·9	283·0	18th,22nd	267·6	258·0	10th,11th	271·3	271·3	..	0	
559	Hankow	30 35	114 17	39·1	1022·4	1027·4	- 1·1	279·6	287·9	19th	272·6	262·8	10th	276·1	275·8	- 1·0	42	
560	Tientsin	39 9	117 9	6·4	1026·0	1026·7	- 2·0	273·7	281·0	24th	263·9	254·4	10th	268·8	268·8	- 0·2	6	
561	Shanghai	31 12	121 26	7	1024·3	1025·2	- 1·3	280·8	290·5	4th	272·8	261·4	10th	276·8	276·2	0·0	33	
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1014·9	1024·0	- 1·0	273·0	278·8	5th	265·8	252·0	11th	269·4	269·1	- 0·3	38	
562a	Nagasaki	32 44	129 52	133	1004·3	1020·6	- 1·3	283·7	291·0	5th	276·4	268·1	10th	280·1	279·7	+ 1·0	105	
563	Kyoto	35 1	135 44	42·9	1014·3	1019·7	+ 0·5	281·2	287·3	31st	272·5	266·4	11th	276·9	276·3	+ 0·7	77	
564	Tokyo	35 41	139 46	5·8	1016·0	1016·7	+ 0·4	280·8	289·5	5th	271·6	266·9	11th	276·2	275·9	- 0·1	71	
565	Hukusima	37 45	140 28	68·5	1008·4	1017·0	+ 0·2	277·7	282·9	5th	268·9	261·2	16th	273·3	273·1	- 0·4	90	
566	Miyako	39 38	141 59	30·4	1011·4	1015·3	+ 0·5	276·4	284·1	5th	266·3	259·3	22nd	271·3	270·9	- 1·5		
		N.	E.															

JANUARY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1014·9	1015·6	..	..	..	..	287·0	281·9	27th	..	..	..	66	
605	Honolulu	21 19	157 52	11·6	1016·9	1018·3	+ 2·0	297·9	299·7	8th	292·9	289·7	20th	295·4	295·1	+ 0·9	11	
613	¢Guaymas	27 55	110 53	8·3	1015·2	1016·2	- 0·4	296·1	299·8	22nd	284·9	280·0	6th	290·5	289·3	0·0	12	
614	La Paz, Mexico	24 10	110 20	12	1012·5	1013·9	..	293·8	296·2	31st	288·2	285·0	3rd	291·0	290·6	..	31	
615	Leon	21 7	101 41	1809	821·1	1015·5	- 1·3	292·5	297·7	8th	279·2	273·9	21st	285·9	284·6	- 2·1	75	
616	¢Monterry	25 40	100 18	528	957·8	1019·7	+ 0·9	290·2	299·8	4th	282·7	276·0	21st	286·5	285·5	- 1·1	104	
617	Tulancingo	20 5	98 22	2181	789·9	..	- 0·7	291·4	300·0	9th	277·9	272·4	6th	284·7	283·5	- 0·9	142	
618	Galveston	29 18	94 50	16·5	1020·3	1022·3	+ 1·8	287·9	294·7	31st	282·6	275·8	14th	285·2	284·7	+ 0·2	118	
618a	New Orleans	29 57	90 4	16·2	1019·6	1021·7	+ 1·4	288·1	295·2	28th	280·7	271·9	15th	284·4	284·4	- 0·8		
619	Merida, Yucatan	20 58	89 38	22	1015·3	1017·9	- 0·2	298·6	302·2	11th	290·7	284·6	7th	294·7	293·3	- 1·1	19	
620	Havana	23 7	82 25	77·0	1008·7	1017·7	- 1·0	296·9	302·0	19th	289·9	286·0	15th,22nd	293·4	293·3	..	93	
620a	Key West	24 33	81 48	6·7	1018·3	1018·9	- 0·8	294·4	300·2	19th	288·8	281·9	15th	291·6	291·1	- 2·1	101	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·9	- 0·5	297·2	300·8	20th	290·7	287·4	15th	293·9	293·8	- 1·2	52	
622	San Salvador (Watling Island)	24 6	74 26	33·5	1014·8	1018·7	- 0·8	..	300·2	13th,20th	..	291·9	15th,16th	..	296·2	- 0·8	..	
633	Port Etienne	20 56	17 3	4	..	..	..	299·4	304·2	30th	284·7	283·4	30th	292·1	292·1	..	0	
634a	Havana	28 19	16 30	2367	769·1	..	+ 0·3	280·9	288·7	2nd	275·1	269·4	20th	278·0	277·6	+ 1·3	21	
634	La Laguna	28 28	16 20	547	955·6	1020·1	- 1·1	288·8	292·8	27th	280·4	276·6	30th	284·6	284·0	- 0·8	63	
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	0	
638	Tamanrasset (Fort Lapperine)	22 45	E. 5 0	?1350	862·5	1009·9	..	294·7	301·0	19th	279·3	271·0	17th	287·0	287·1	+ 1·9	0	
639	Sebha	27 1	14 27	424	..	..	..	292·4	299·5	12th	277·4	273·1	14th	284·9	..	..	0	
640	Hon	29 8	15 56	263	..	..	..	293·5	298·6	12th	276·6	274·0	5th	285·1	..	..	0	
641	Giarabub	29 44	24 30	12	..	..	..	295·3	299·7	7th	282·7	279·9	30th	289·0	..	..	0	
642	Siwa	29 12	25 29	-23	1019·6	1016·8	- 2·7	..	..	..	..	..	..	..	284·1	..		
643	Cairo (Helwan)	29 52	31 20	116	1003·5	1017·5	- 1·4	292·6	297·8	6th	281·7	278·2	22nd	287·1	286·9	+ 0·9	0	
643a	Aswan	24 2	32 53	100	1004·2	1016·0	- 1·7	298·6	306·8	17th	283·5	279·8	31st	291·1	290·0	+ 1·9	..	
644	Tor	28 14	33 37	1·9	1015·6	1015·8	- 1·3	294·8	299·0	9th	282·5	277·5	31st	288·7	288·2	+ 1·2	0	
		N.	E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JANUARY - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1016·9	1017·5	..	292·2	299·3	2nd	285·8	279·0	23rd	289·0	288·8	+ 1·6	85	+17
648	Jask	25 45	57 45	4·0	1015·4	1016·0	..	296·9	299·1	19th	289·7	286·3	29th	293·3	293·1	+ 0·6	20	- 9
649	Karachi	24 48	66 59	4·0	1017·5	1017·9	- 0·4	297·6	299·7	7th,17th	287·2	284·7	25th	292·4	292·2	- 0·2	2	-12
650	Jacobabad	28 17	68 29	56·7	1011·7	1018·6	- 0·2	296·2	299·7	9th	279·7	275·2	12th	287·9	287·2	+ 0·4	0	- 6
651	Jaipur	26 55	75 50	436	968·1	1019·0	+ 0·5	298·4	301·9	10th	283·0	277·4	1st	290·7	290·2	+ 1·7	0	-12
652	Nagpur	21 9	79 7	310	981·9	1017·8	+ 0·6	303·2	305·8	22nd,29th	285·6	280·8	3rd	294·4	294·0	+ 0·5	11	+ 1
653	Allahabad	25 26	81 50	94·2	1006·6	1018·0	0·0	298·5	301·9	26th	283·3	278·6	30th	290·9	290·0	+ 1·6	0	-19
654	Darjiling	27 3	88 16	2265	?77·2	..	+ 0·6	282·7	284·7	4 days	276·1	274·7	1st	279·4	279·0	+ 1·6	0	-14
655	Calcutta	22 32	88 20	6·4	1016·2	1017·0	0·0	300·7	304·1	27th,28th	288·3	284·7	6th	294·5	293·9	+ 2·5	2	- 7
656	Gauhati	26 11	91 45	59·7	1011·1	1018·1	- 0·2	297·3	299·7	28th	285·4	283·0	16,18,19	291·4	290·7	+ 1·4	0	- 8
656a	Cherrapunji	25 15	91 44	1313	871·4	..	+ 0·4	289·8	293·0	3rd	281·7	280·2	4 days	285·7	285·0	+ 0·9	1	-10
656b	Akyab	20 8	92 55	8·8	1015·0	1016·0	+ 0·4	301·2	304·1	28th	287·9	286·3	4 days	294·6	294·1	+ 0·4	0	- 2
656c	Mandalay	21 59	96 6	76·2	1007·3	1016·3	- 0·1	303·3	305·8	30th	286·8	284·1	15th	295·1	294·4	+ 0·8	0	- 1
657	Tengyueh	25 0	98 40	1634	837·5	1017·7	..	290·0	293·0	1,2,31	272·8	270·2	17th	281·4	280·7	- 0·3	..	..
658	Pha Lien	20 48	106 38	116	..	1018·1	- 1·1	294·5	301·8	26th	287·9	280·6	10th	291·2	290·5	+ 0·9	3	-28
659	Monday	21 31	107 58	9·0	..	1018·0	- 1·8	293·9	299·5	5th	286·4	278·1	10th	290·2	289·5	+ 1·4	15	-25
660	Hongkong	22 18	114 10	33·2	..	1019·0	- 0·7	292·2	299·1	6th	287·0	277·6	10th	289·6	289·3	+ 0·8	8	-26
660	Amoy	24 26	118 4	4·9	1020·5	1021·1	- 1·7	289·6	295·8	2nd	284·1	276·9	11th	286·9	286·6	- 1·0	60	+28
661	Taihoku, Formosa	25 2	121 31	9·3	1019·9	1021·0	- 0·2	293·1	302·4	5th	284·9	276·7	19th	289·0	288·6	+ 0·3	42	-47
662	Basco	20 28	121 59	18·7	..	1015·9	0·0	298·3	302·4	26th	294·1	288·9	10th,11th	296·2	296·0	+ 0·9	116	-131
663	Naha	26 12	127 39	29·5	1016·4	1019·9	- 0·1	293·0	297·5	6th	287·0	280·6	10th	290·0	290·1	+ 1·0	289	+157
665	Titizima (Bonin Islands)	27 5	142 11	**4·3	1017·9	1018·4	+ 0·7	294·6	297·9	9th	288·1	282·0	29th	291·3	291·6	+ 1·0	88	-10
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

JANUARY - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	¢Colima	19 12	103 45	498	958·3	1014·9	+ 1·3	300·8	305·0	23rd	287·9	283·6	2nd	294·3	293·3	- 1·8	129	+114
716	¢Morelia	19 42	101 7	1923	810·1	1014·6	+ 0·8	290·4	294·4	9th	280·8	276·5	6th	285·6	285·1	- 1·2	50	+36
717	Mexico, Tacubaya	19 24	99 12	2309	774·9	..	- 0·2	292·2	296·6	9th	277·1	272·0	1st	284·7	284·1	- 0·6	3	- 5
718	Salina Cruz	16 12	95 12	56	1006·1	1012·6	- 1·3	300·9	304·5	28th	293·0	289·5	7th	296·9	297·2	- 0·3	0	- 1
719	San Salvador	13 42	89 13	682	937·8	1013·4	0·0	308·3	310·8	18th	289·4	284·4	7th	298·9	296·4	+ 1·3	0	- 7
720	Belize	17 31	88 11	5·2	1015·9	1016·4	- 0·8	299·1	300·8	6,12,18	291·6	283·6	22nd	295·3	294·8	- 1·6	77	-80
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·7	- 0·6	302·6	304·8	9th	294·7	290·6	29th	298·6	298·2	+ 0·9	73	+29
722	Port au Prince	18 33	72 20	37·4	1010·8	1015·1	- 0·8	303·2	305·1	19th	294·1	291·6	6th	298·7	298·3	+ 0·6	70	+39
723	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·8	1015·9	- 1·4	300·4	304·1	21st	294·4	293·0	7th	297·4	297·3	+ 0·6	42	-75
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·6	1013·9	+ 0·4	303·3	305·2	26th	296·1	294·7	7th	299·7	299·3	+ 1·6	62	-49
725	Barbados	13 8	59 36	57·9	..	1014·1	- 0·5	302·2	303·3	13th	294·0	290·8	10th	298·1	297·9	+ 0·4	29	-53
731	São Vicente, C. Verde Is.	16 54	25 4	11	1015·0	1016·3	+ 1·1	296·7	299·5	10th	293·3	292·0	19th,25th	295·0	294·9	+ 0·3	3	- 2
732	San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
734	¢Dakar	14 40	17 26	32	1009·5	1013·2	..	299·4	304·9	2nd	290·0	287·3	27th	294·7	294·6	- 0·2	0	- 1
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·7	305·8	8th	291·1	285·2	23rd	295·9	295·7	- 0·3	0	- 2
736	Bidinbalé	12 57	7 26	300	..	..	..	303·7	307·2	14th	286·8	283·2	24th	295·3	295·3	..	0	..
736	Labara	16 45	W. 3 1	273	..	..	..	299·6	303·0	12th	286·7	283·0	25th	293·1	292·8	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	308·1	310·8	24th	290·5	286·9	4th	299·3	299·0	+ 2·6	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	306·1	308·6	18th	..	..	..	..	..	+ 2·7	0	0
739	Bilma	18 41	12 55	356	..	..	..	..	..	..	280·5	277·5	9th	..	294·1	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	308·2	311·3	16th	..	..	..	..	‡297·4	+ 1·7	0	- 1
741	El Fasher	13 32	25 18	730	927·6	1008·9	..	307·5	311·0	14th	282·4	277·5	21st	294·9	293·0	+ 1·2	0	0
742	El Obeid	13 11	30 14	563	947·1	1010·0	- 1·5	305·8	309·5	12th	286·1	280·0	21st,23rd	295·9	295·6	+ 2·9	0	0
743	Khartoum	15 37	32 33	390	966·7	1010·4	- 1·9	305·8	310·7	10th	290·2	284·6	21st	298·0	298·2	+ 2·6	0	0
744	Port Sudan	19 37	37 13	5·5	1013·0	1013·6	- 1·1	301·4	303·9	9th	293·9	290·3	21st	297·7	297·4	+ 1·3	0	- 8
745	Berbera, Somaliland	10 26	45 2	13·8	1012·8	1014·4	- 0·7	301·1	301·9	8,9,28	295·1	292·4	17th	298·1	297·9	+ 0·4	0	- 6
746	Aden	12 49	45 2	29·9	1012·5	1013·1	- 0·1	301·7	302·4	sev.dates	296·0	294·1	5 days	298·8	298·2	+ 1·2	0	- 8
751	Bombay	18 54	72 49	11·3	1013·5	1014·8	- 0·5	303·6	307·4	2nd	293·5	290·2	31st	298·5	297·6	+ 1·3	0	- 3
752	Kodaikanal	10 14	77 28	2343	?72·8	..	+ 0·6	290·4	294·7	27th,31st	282·0	280·2	14,25,31	286·2	286·2	+ 1·8	49	-24
753	Bangalore	12 58	77 35	921	913·7	1015·9	+ 0·6	300·8	303·0	23rd	287·9	284·7	9th	294·3	293·8	+ 1·1	0	- 7
754	Madras	13 4	80 15	6·7	1014·4	1015·2	- 0·3	301·9	303·0	27th	293·4	290·8	25th,30th	297·7	297·4	+ 0·3	1	-34
755	Vizagapatam	17 42	83 18	38·4	1012·6	1016·9	+ 0·5	300·7	303·0	15th,29th	290·8	288·6	23rd	295·7	295·3	- 0·3	2	-10
756	Port Blair	11 40	92 43	18·0	1010·8	1012·9	- 0·7	301·9	303·0	12th	297·7	294·7	27th,28th	299·8	299·4	- 0·1	26	-15
757	Rangoon	16 46	96 11	5·5	1014·1	1014·7	- 0·2	306·4	308·0	1st,31st	292·5	290·2	26th	299·5	298·4	+ 1·7	5	- 1
758	Cap St. Jacques	10 20	107 5	180	..	1012·8	..	301·0	303·4	14th	295·2	293·4	19th,20th	298·1	297·7	+ 0·3	0	- 3
759	Mhatrang	12 15	109 12	3·6	..	1013·8	..	300·6	312·6	31st	294·5	290·9	21st	297·6	297·3	+ 0·4	43	-19
759	Bolinao	16 23	119 53	2	..	1012·2	+ 0·8	303·9	307·2	29th	295·1	291·7	30th	299·5	299·4	+ 0·8	1	- 7
760	Wigan	17 34	120 23	12·2	..	1012·3	- 0·1	303·1	305·0	11th	295·4	292·8	3rd,19th	299·3	298·7	+ 0·2	0	- 3
761	Manila	14 35	120 59	14·2	..	1012·8	+ 0·6	304·6	306·9	•31st	294·3	292·4	24th	299·5	298·6	+ 0·8	14	-10
762	Aparri	11 0	124 36	5·6	..	1010·0	+ 0·1	304·5	305·9	12th,31st	295·0	292·5	29th,30th	299·7	299·4	+ 1·0	224	+45
762	Guam, Ladrone Is.	13 24	144 38	18·6	..	1011·0	+ 1·5	301·7	302·9	12th	297·3	295·8	20th	299·5	299·2	+ 0·1	76	+11
763	Saipan	15 14	145 46	207	990·1	1010·4	..	299·7	300·3	8,27,29	295·5	294·7	23rd	297·6	297·4	..	84	..
		N.	E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Height changed from 4·1m. to 4·3m. from January 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

JANUARY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ●	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	296·9	294·1	1st	..	‡300·1	- 0·9	500	+251
821	ϕCristobal	9 23	79 54	11·0	..	1011·0	- 0·6	302·9	303·6	5th	298·7	296·3	5th	300·8	300·3	+ 1·0	51	--
822	Bogota	4 36	74 5	2645	746·7	..	+ 1·3	293·4	296·1	26th	282·1	278·4	27th	287·8	287·0	+ 0·6	26	--
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	984·9	1009·6	- 1·4	..	..	..	..	..	..	..	‡295·2	+ 0·5	29	+25
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·1	- 0·6	302·4	303·0	2,19,26	297·2	295·2	8th,16th	299·8	299·3	+ 0·7	44	--
826	Paramaribo	5 49	55 9	3·7	1011·8	1012·2	- 0·7	303·6	305·2	2,13,23	295·4	293·8	3rd,16th	299·5	299·4	+ 1·0	158	+70
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	209	+70
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	ϕFreetown, Sierra Leone	8 29	13 14	55·0	1004·4	1010·7	+ 0·8	303·4	305·8	22nd	295·6	293·0	4th	299·5	298·9	+ 0·6	42	--
835	ϕAssuantsi	5 18	1 15	97·3	998·5	1009·6	..	303·0	304·1	10,18,25	294·8	291·9	30th	298·9	298·4	+ 1·2	102	+40
836	ϕAccra	5 33	W. 0 12	17·7	1008·4	1010·4	+ 0·2	304·1	306·5	29th	298·1	294·1	29th	301·1	300·7	..	32	--
837	ϕLagos	6 27	E. 3 24	3·0	1008·5	1008·9	- 0·4	304·4	306·3	22nd	298·1	296·3	12th,15th	301·3	300·6	+ 1·1	24	--
838	ϕVictoria, Nigeria	4 1	9 12	15·5	1009·9	1011·7	..	305·3	308·6	3rd	294·2	290·8	30th	299·7	299·0	+ 2·3	85	--
839	Yola	9 12	12 30	259	..	..	..	310·0	313·0	19th	..	..	..	..	‡301·1	+ 1·7	0	--
841	Wau	7 42	28 3	440	959·2	1007·8	- 1·2	310·7	313·0	18th,21st	292·6	288·5	22nd	301·7	300·0	..	..	..
843	Malakal (Kodok)	9 35	31 37	394	964·2	1007·8	- 1·3	310·7	313·3	13th	292·4	287·0	22nd	301·5	300·4	+ 2·1	0	--
843a	Juba	4 53	31 35	475	954·6	1006·7	..	311·9	315·0	19th	..	..	..	..	301·4	..	7	--
844	Entebbe	0 5	32 29	1171	..	..	..	300·3	301·9	sev.dates	290·4	288·0	9th	295·3	..	+ 0·1	108	+40
844a	Kampala (Kololo Hill)	0 20	32 36	1310	..	..	..	..	..	..	..	..	..	..	..	..	..	..
845	Sheikh	9 55	45 15	1463	..	..	..	294·7	299·1	7th	282·3	276·3	19th	288·5	287·8	..	0	--
851	Minicoy	8 18	73 0	2·7	1012·3	1012·6	- 0·6	302·9	303·6	12th	297·6	295·8	22,29,31	300·3	299·9	..	73	+40
851a	Cochin	9 58	76 14	2·7	1012·9	1013·4	- 0·2	304·1	306·3	19th	296·6	294·7	28th,29th	300·3	299·9	+ 0·4	7	--
852	ϕColombo Observatory	6 54	79 52	7·3	..	1011·2	+ 0·5	303·6	306·3	2nd	295·6	292·9	26th	299·6	299·2	+ 0·2	108	+40
853	ϕNuwara Eliya	6 58	80 46	1881	814·7	1013·7	+ 1·0	293·1	296·8	30th	282·1	272·7	31st	287·6	286·7	+ 0·2	243	+90
854	ϕTrincomalee	8 35	81 15	30·2	..	1012·0	+ 0·4	299·9	300·9	1st	296·7	294·8	4th	298·3	297·9	+ 0·5	525	+240
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	180	+40
856	Medan	3 35	98 41	25·0	..	1010·8	- 0·5	303·0	305·2	9th	295·8	293·1	28th	299·4	298·7	+ 0·9	657	+440
857	Butterworth	5 25	100 22	2·1	..	1009·1	..	304·4	306·9	27th	296·0	294·1	19th	300·2	299·4	..	124	--
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1010·0	- 0·4	303·7	306·3	sev.dates	296·9	294·7	5th	299·8	298·4	+ 0·3	294	+90
859	Sandakan	5 50	118 7	31·7	..	..	..	303·2	304·7	5th	296·8	295·8	9,14,15	299·9	300·4	+ 0·6	258	+90
860	Iwahig	9 44	118 38	14·3	..	1010·3	+ 0·8	303·9	305·5	18th	294·3	291·7	2nd	299·1	299·2	..	14	--
861	Tagbilaran	9 38	123 51	21·3	..	1010·5	+ 0·4	304·3	306·0	11th	295·7	293·9	29th	300·0	299·0	+ 0·5	85	+40
861a	Menado	1 30	124 50	8·5	..	..	..	302·6	304·9	16th	295·7	294·1	30th	299·1	298·6	+ 0·1	237	+90
862	Surigao	9 48	125 29	6·0	..	1011·0	+ 0·9	302·1	303·9	6th	296·6	295·0	20th	299·3	299·0	+ 0·5	527	+240
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·7	+ 1·6	302·2	303·5	1st	297·7	296·2	11th	299·9	299·4	- 0·2	135	+40
864	Palau	7 20	134 29	31·8	1006·7	1010·3	+ 1·2	302·3	303·7	26th	296·9	294·0	6th	299·6	299·5	+ 0·1	208	+90
867	Ponape	6 58 N.	158 13 E.	38·9	1005·3	1009·7	..	302·1	303·6	3rd	297·7	294·2	3rd	299·9	299·8	..	252	+90

JANUARY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ●	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1007·1	..	303·4	305·1	25th	299·2	297·7	11th	301·3	300·9	..	291	+90
920	Lambayeque	6 46	80 55	15	1008·7	1010·4	..	?304·5	?305·8	21st	?294·5	?292·0	9th	?299·5	?298·3	+ 1·0	0	--
921	Quito	0 14	78 30	2816	727·7	..	+ 0·3	294·0	297·4	27,28,29	282·0	278·2	23rd	288·0	286·8	..	74	--
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	ϕAscension Island	7 56	W. 14 25	16·8	..	..	..	302·6	304·5	31st	..	..	..	..	298·7	+ 0·5	8	--
939	Loanda	8 49	E. 13 13	59·3	..	1008·3	- 2·7	301·7	303·9	6th	297·1	295·6	19th	299·4	298·2	+ 0·1	1	--
940	Brazzaville	4 17	15 16	320	..	..	..	..	305·0	18th	..	292·0	12th	..	..	..	274	+90
942	Tshibinda	2 19	28 45	2115	..	..	..	294·4	297·0	..	284·0	281·7	..	289·2	289·8	..	253	+90
943	Masaka	0 20	31 44	1280	..	..	..	300·7	304·1	14th	291·7	290·2	1,6,8	296·2	295·5	..	72	--
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·9	1012·7	..	297·7	300·9	21st	285·1	282·0	2nd	291·4	290·5	..	85	--
944a	Zanzibar (Town)	6 10	39 12	17·1	1010·4	1012·4	- 0·2	304·1	305·2	24th	300·2	298·6	25th	302·1	301·7	+ 0·9	..	--
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	..	..	..	..	..	..	..	..	..	..	..	..	..	--
947	Seychelles, Port Office	4 37	55 27	4·6	1010·8	1011·4	+ 0·1	301·8	303·0	1st	296·2	294·7	9th	299·0	298·3	- 0·5	283	+90
957	ϕPadang	0 56	100 22	6·7	..	1010·8	- 0·1	303·0	305·0	23rd	296·5	295·6	20th	299·9	299·4	+ 0·1	613	+440
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	0·0	303·8	306·4	16th	297·1	296·0	22nd,23rd	300·5	300·0	+ 1·5	122	--
958a	ϕPontianak	0 1	109 20	2·6	..	1010·6	+ 0·3	304·8	307·4	29th	297·1	296·3	13th	300·9	299·9	+ 0·8	357	+90
959	Pasuruan	7 38	112 55	5·0	..	1009·1	0·0	304·8	306·0	10th	297·3	296·0	28th	301·1	300·4	+ 0·9	120	--
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	255	+90
962	Amboina	3 42	128 10	4·2	..	1009·0	+ 0·4	305·8	308·3	17th	298·6	297·2	5th	302·2	301·7	+ 1·7	15	--
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	200	+90
965	Daru	9 4	143 13	7·6	..	1008·9	+ 0·1	304·3	..	..	..	..	..	..	..	..	170	--
966	Port Moresby	9 29	147 9	38·4	..	1008·7	+ 0·5	305·4	..	..	297·7	..	..	301·0	300·6	+ 0·4	105	--
967	Rabaul	4 9	152 12	12·5	1007·0	1008·4	..	305·6	307·1	14,18,19	297·7	..	..	301·6	301·2	+ 0·7	222	+90
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?305·1	?306·9	1st	296·1	295·3	sev.dates	300·8	300·2	+ 0·4	334	+90
970	Ocean Island	0 52	169 35	42·6	1004·1	1009·0	- 0·1	303·8	305·8	1,8,28	?297·8	?296·7	14th	?301·5	?301·3	+ 0·6	526	+240
											298·3	296·3	30th	301·1	300·5	+ 0·3		
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JANUARY - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ●	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau																	
1002	Apia, Samoa																	
1003	Alofi, Niue Island	18 39	173 59	9·1	1008·1	1009·1	..	301·8	302·8	14th	296·8	295·5	3rd,14th	299·3	..	..	55	..
		13 48	171 46	2·0	..	1005·7	- 1·9	302·5	304·2	28th	297·2	295·1	1st	299·9	299·8	+ 0·1	437	+ 4
1021	Lima	19 2	169 55	19·8	..	1009·7	+ 0·5	302·4	305·2	24th	295·9	293·0	28th	299·2	299·0	- 0·5	43	-222
1024	Arica																	
1024a	La Paz, Bolivia	12 5	77 3	111	998·1	1010·9	..	302·1	304·2	20th	293·3	292·0	1st	297·7	296·4	..	0	--
1025	Corumba	18 28	70 20	5	..	..	..	297·0	299·0	20th	291·9	288·0	12th	294·5	294·7	+ 0·4	0	- 1
1026	Cuyaba	16 30	68 8	3658	657·4	..	- 0·1	290·3	295·2	1st	279·7	277·8	10th	285·0	284·0	+ 0·5	244	+125
1027	Bello Horizonte																	
1028	Caetite	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1029	Condeuba (Bahia)	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1030	Aracaju	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1035	St. Helena	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1039	Mossamedes	15 57	W. 5 40	579	946·9	1013·5	+ 0·9	292·5	294·1	12th,28th	288·3	286·9	4,5,6	290·4	290·5	0·0	62	+10
1041	Livingstone	15 12	E. 12 9	12·5	1010·9	1012·4	..	..	302·4	30th	..	290·0	19th	..	..	..	0	- 5
1041a	Elisabethville	17 51	25 51	972	904·0	1008·3	..	305·3	309·1	2nd	292·6	288·6	27th	298·9	..	+ 0·6	112	-81
1042	Gwelo	11 39	27 28	1230	875·0	1006·0	- 1·1	300·4	304·1	19th	290·5	289·0	10th	295·5	..	+ 0·4	399	+167
		19 26	29 45	1411	861·2	1011·0	..	299·9	303·0	13th	288·7	285·2	29th,30th	294·3	..	- 0·2	53	-92
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·3	1010·3	+ 0·8	298·7	302·4	2nd	289·1	285·5	28th	293·9	292·9	0·0	224	+38
1044	Zomba	15 23	35 18	955	904·7	1008·3	+ 1·2	298·3	300·8	17,18,19	291·5	289·1	2nd	294·9	294·3	- 0·8	383	+101
1045	Mosburil	14 57	40 40	15	..	1010·2	..	305·3	307·4	2nd	296·6	294·7	6th	300·9	300·3	..	287	..
1046	Antananarivo	18 55	47 33	1375	862·8	1009·8	0·0	298·8	301·2	19th,21st	289·5	287·3	12th	294·1	292·7	- 0·3	385	+86
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1010·4	1011·1	- 0·4	304·7	305·7	7th,15th	298·9	297·7	28th	301·8	301·4	+ 1·3	12	-126
1057	ϕChristmas Island	10 25	105 43	5·5	1007·7	1008·4	+ 0·6	304·1	305·8	5,24,25	297·8	295·8	3rd	300·9	300·4	+ 0·5	156	-63
1061	Kupang																	
1062	Derby	10 10	123 34	45·1	..	1009·4	+ 0·7	304·3	306·4	6th	297·6	296·4	23rd	300·9	300·5	+ 0·9	439	+51
1063	Hall's Creek	17 18	123 40	16·2	1005·4	1007·2	+ 0·3	306·6	311·5	12th	298·9	295·9	17th	302·8	..	- 0·6	566	+385
1064	Darwin	18 13	127 46	373	966·5	1007·2	+ 0·9	307·6	313·0	7th	295·8	292·6	24th	301·7	301·2	- 1·5	139	- 9
1065	Daly Waters	12 28	130 51	29·6	1002·9	1006·3	+ 0·5	305·1	308·7	2nd,5th	298·2	295·8	31st	301·6	300·6	- 0·2	580	+184
1066	Palmerville	16 16	133 23	211	982·7	1005·9	+ 0·9	309·5	316·9	6th	297·0	295·2	9,22,27	303·2	302·7	- 0·2	189	+27
1067	Georgetown, Queensland	15 56	144 8	210	983·4	1006·6	+ 0·8	308·0	313·0	3rd	297·2	295·7	6th,20th	302·6	..	+ 1·5	330	+53
1068	Willis Island	18 22	149 32	302	974·7	1007·9	+ 1·2	309·2	314·9	4th	296·9	292·4	1st	303·0	..	+ 1·7	154	-55
		16 18	149 59	8·5	1007·1	1008·2	+ 1·8	304·7	306·1	7th	299·3	296·7	23rd	302·0	302·1	+ 1·1	49	-128
1067	Samarai																	
1072	Suva, Fiji	10 37	150 40	6·1	..	1008·8	+ 1·1	..	..	..	297·8	..	..	..	..	..	106	-62
		18 8	178 26	6·1	1008·9	1009·6	+ 2·2	303·3	304·7	21st,23rd	297·2	294·1	1st	300·2	300·0	+ 0·6	265	-25
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

BETWEEN LATITUDE 20° S. AND 30° S.

JANUARY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ●	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga																	
1102	Haapotonga (Avarua)	21 8	175 12	3·0	1011·8	1012·1	..	302·9	305·2	6th	294·4	288·0	29th	298·7	..	..	78	..
		21 12	159 46	6·1	..	..	..	301·2	304·1	10th	294·8	291·3	2nd	298·0	297·8	- 0·8	121	-121
1120	Punta Tortuga, Coquimbo																	
1123	Catamarca	29 55	71 22	25	1010·6	1013·4	- 0·7	294·5	296·6	4th	289·1	287·9	25th	291·8	291·6	+ 0·7	0	0
1124	Salta	23 42	70 24	94	1001·7	1012·7	- 1·6	296·9	299·2	20th	289·9	288·6	26th	293·4	293·3	- 0·5	0	0
		28 29	65 47	528	949·2	1007·6	+ 1·2	305·5	314·8	21st	293·5	288·0	27th	299·5	298·2	- 1·6	106	+33
1125	Goya	24 46	65 24	**1173	880·5	1005·9	- 0·8	300·9	307·5	17th	290·6	286·1	8th	295·8	295·3	+ 0·2	241	+69
1126	Asuncion																	
1127	Curityba	29 9	59 15	37	1005·3	1009·5	+ 0·6	305·3	310·1	22nd	294·7	288·6	7th	300·0	299·8	+ 1·1	288	+173
1128	Rio de Janeiro	25 17	57 41	**139	995·8	1011·5	+ 3·2	307·8	312·3	25th	296·5	293·1	8th	302·2	301·1	+ 0·9	201	+51
		25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1139	ϕStudholme	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140	ϕOckley																	
1141	ϕTimperley	22 34	E. 17 6	1727	829·4	1008·1	..	301·9	305·3	4th	290·3	286·3	30th	296·1	295·4	- 0·6	87	+ 7
1142	Johannesburg	29 36	17 52	933	910·9	1012·7	+ 1·6	305·4	310·6	9th	..	..	..	..	‡295·8	..	8	+ 3
1143	Salisbury	28 44	24 46	1218	879·0	1008·6	+ 1·1	304·1	308·3	25th	291·9	286·7	20th	297·6	296·9	- 0·5	76	+15
		26 11	28 4	1806	823·1	1012·8	+ 0·6	296·3	303·7	25th	286·1	283·1	19th	291·2	290·7	- 1·1	217	+60
1144	Durban	20 9	28 35	1349	867·2	1011·0	+ 0·5	300·4	305·2	13th	289·4	286·3	28th	294·9	294·4	0·0	103	-45
1145	Lourenco Marques																	
1147	ϕMauritius	29 52	31 3	15·2	1013·6	1015·4	+ 0·7	300·7	303·9	23rd	294·4	291·3	26th	297·5	297·1	+ 0·2	230	+114
		25 58	32 36	59·5	..	1014·1	+ 1·7	302·3	309·3	1st	294·1	292·6	18th	298·2	297·9	- 0·5	89	-38
		20 6	57 33	55·2	1005·9	1012·2	+ 0·5	302·5	304·6	22nd	296·6	295·6	11th,24th	299·5	299·0	0·0	300	+93
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15. Height changed from 1182m. to 1173m. from August 30th. 1930. All pressure values for 1930 were reduced to old height of 1182m.
**Asuncion. Height changed from 93m. to 139m. from January 1st.

RÉSEAU MONDIAL

JANUARY - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1006·3	1006·8	+ 1·1	307·8	313·6	21st	297·2	292·2	9th	302·5	..	- 0·3	9	--
1160	Cue	27 27	117 52	454	960·0	1009·6	+ 2·1	310·2	314·1	9th,10th	295·0	286·3	29th	302·6	..	- 0·6	6	--
1161	Nullagine	21 53	120 5	386	..	..	..	310·0	314·7	7th,8th	296·3	293·0	1st,2nd	303·2	..	- 1·5	14	--
1162	Laverton	28 40	122 23	466	961·0	1012·6	+ 3·0	306·5	314·8	10th	291·9	286·8	24th	299·2	298·9	- 1·9	20	--
1163	Alice Springs	23 38	133 37	587	944·2	1007·7	+ 1·6	307·9	316·3	13th	293·3	286·3	22nd	300·6	300·6	- 0·8	2	--
1164	William Creek	28 55	136 21	76·2	1003·5	1012·0	+ 2·4	307·6	314·7	6th	292·3	286·3	25th	299·9	299·5	- 1·2	0	--
1164a	Boulia	22 55	139 38	146	990·0	1005·9	+ 1·0	312·2	319·0	7th	297·6	292·1	21st	304·9	304·9	+ 0·8	30	--
1165	Thargomindah	27 58	143 43	123	994·4	1008·0	+ 0·8	308·4	315·1	8th	296·7	290·7	26th	302·6	302·2	+ 0·8	5	--
1166	Mitchell	26 32	147 52	336	971·6	1008·6	+ 0·7	309·2	314·8	13th	293·6	284·8	21st	301·4	..	- 0·1	36	--
1167	Rockhampton	23 24	150 30	11·3	1008·5	1009·9	+ 0·7	307·6	313·1	12th	296·8	293·6	29th	302·2	301·5	+ 2·0	82	--
1168	Brisbane	27 28	153 2	41·8	1007·0	1011·4	- 0·1	304·6	310·9	11th	295·1	292·2	21,22,29	299·8	298·9	+ 2·3	117	--
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1014·5	1016·3	+ 3·1	301·3	304·7	11th	294·3	292·4	8,9,22	297·8	297·3	+ 1·7 + 2·9	34	--

JANUARY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	◊Juan Fernandez	33 37 S.	78 52 W.	6	1016·6	1017·3	- 0·7	294·1	297·3	15th	289·5	286·3	23rd	291·8	291·6	0·0	43	--
1121a	Punta Tumbes	36 37	73 6	120	999·2	1013·4	- 0·5	292·5	294·6	25th	285·8	283·2	6th	289·1	289·0	+ 0·9	64	--
1222	◊Punta Angeles, Valparaiso	33 1	71 38	41	1008·4	1013·2	- 0·8	296·6	299·9	18th	287·4	283·5	9th	292·0	291·5	+ 1·0	13	--
1222a	Santiago	33 27	70 42	520	952·6	1011·3	- 0·4	301·6	305·8	18th	286·6	283·0	24th	294·1	293·6	+ 1·1	11	--
1223	Cordoba	31 25	64 12	423	961·1	1008·6	- 0·3	303·3	308·9	4th	290·5	284·6	8th	296·9	296·5	+ 0·3	85	--
1224	Bahia Blanca	38 45	62 16	28·7	1007·3	1010·6	- 0·5	302·1	308·5	9th	290·7	284·5	7th	296·4	296·0	- 0·2	183	--
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·2	1011·1	- 0·4	301·9	307·2	20th	292·0	283·7	7th	297·6	296·8	+ 0·7	117	--
1226	Montevideo (Prado)	34 52	56 12	24·9	1009·0	1012·3	+ 0·5	300·9	306·9	19th	290·8	283·5	31st	295·9	295·7	+ 0·3	122	--
1226a	Porto Alegre	30 2	W. 51 13	23·5	1008·1	1010·8	- 0·5	303·5	310·3	26th	293·7	288·6	31st	298·6	297·9	+ 0·5	82	--
1239	Cape Town	33 56	E. 18 29	12·2	1011·8	1013·2	+ 0·2	302·1	310·9	9th	291·1	287·8	14th	296·6	295·2	+ 2·5	0	--
1240	◊Danger Point	34 37	19 18	27·7	..	..	..	295·0	299·7	22nd	288·2	285·2	18th	291·6	..	0·0	1	--
1240a	Klaver	31 47	18 37	41·8	1008·6	1013·4	- 1·2	306·8	313·9	9th	289·8	287·1	5th	298·3	..	+ 1·2	1	--
1241	◊Riversdale	34 6	21 16	105	..	..	..	305·6	312·4	10th	285·3	281·3	27th	295·4	..	+ 0·5	23	--
1242	East London	33 1	27 54	45·4	1009·9	1015·2	+ 2·3	298·4	306·9	22nd	290·8	285·2	15th	294·6	..	+ 0·5	14	--
1259	Perth (Observatory)	31 57	115 51	60·0	1007·7	1014·7	+ 2·0	303·0	313·2	27th	290·3	283·6	29th	296·7	296·2	+ 0·5	1	--
1260	Katanning	33 42	117 35	310	980·0	1015·1	+ 1·7	304·6	311·7	27th	286·9	280·6	29th	295·8	..	+ 1·1	0	--
1261	Coolgardie	30 57	121 10	423	..	..	..	305·6	313·6	10,11,28	288·7	283·6	24th,29th	297·2	296·9	- 0·9	3	--
1262	Eucla	31 45	128 58	4·6	1014·9	1015·4	+ 2·1	296·8	313·6	28th	289·7	283·0	31st	293·2	292·5	- 1·1	2	--
1263	Streaky Bay	32 48	134 13	13·1	1014·1	1015·5	+ 2·1	300·8	310·8	16th,28th	288·3	283·6	15th	294·6	293·8	- 0·5	8	--
1264	◊Adelaide	34 56	138 35	42·7	1009·7	1014·7	+ 1·7	300·7	312·6	29th	288·5	283·3	15th	294·6	294·0	+ 1·0	16	--
1265	Melbourne	37 49	144 58	35·1	1008·0	1012·3	- 0·6	296·7	305·7	22nd	285·3	282·5	19th	291·0	290·6	- 1·7	32	--
1266	Bourke	30 13	145 58	110	999·6	1011·8	+ 0·8	309·6	316·9	17th	291·3	284·7	14th	300·4	..	- 1·9	5	--
1267	Sydney	44 51	151 13	42·1	1005·7	1010·4	- 1·9	299·3	309·0	11th	291·3	288·6	19th	295·3	294·8	+ 0·2	51	--
1268	Lord Howe Island	31 20	159 0	4·9	1012·7	1013·2	- 0·1	299·0	301·9	14th	293·4	286·2	22nd	296·2	..	+ 0·8	91	--
1271	Auckland	36 51	174 48	13·4	..	1014·3	+ 0·7	296·1	300·2	18th	288·3	280·3	19th	292·2	..	0·0	187	--
1272	Napier	39 29	176 55	1·5	..	..	..	298·3	304·6	20th	287·9	280·6	29th	293·1	..	+ 1·2	27	--

JANUARY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	◊Chatham Island	43 52 S.	176 42 W.	45·7	..	1006·0	- 4·4	..	..	..	..	..	..	..	..	..	95	--
1321	Isla Guafo	43 34	74 45	140	997·3	1014·0	- 1·6	288·8	291·7	15th	284·6	282·5	5th	286·7	286·6	+ 1·4	78	--
1322	Punta Galera	40 1	73 44	40	1009·7	1014·5	- 1·3	291·7	297·8	10th	285·2	282·9	15th	288·5	288·4	+ 1·6	72	--
1323	Sarmiento	45 33	69 1	272	977·9	1009·4	+ 1·3	298·1	306·1	13th	285·7	278·0	6th	291·9	291·2	+ 0·2	15	--
1324	Puerto Madryn	42 46	W. 65 2	14	1007·4	1009·0	+ 0·4	300·9	307·7	16th	285·2	278·5	6th	293·0	293·6	+ 0·6	13	--
1365	Launceston	41 27	E.147 10	81·1	998·9	1008·3	- 2·7	295·6	304·1	29th	281·4	276·9	7th	288·5	287·4	- 1·9	20	--
1366	Hobart	42 53	147 20	53·9	999·7	1006·2	- 3·9	292·4	303·0	29th	283·3	279·3	23rd	287·9	286·8	- 1·8	32	--
1369	Invercargill	46 25	168 21	3·7	..	..	..	290·2	299·7	2nd	281·6	274·7	31st	285·9	..	- 1·3	128	--
1370	Alexandra	45 15	169 24	159	..	..	..	293·1	300·8	19th	282·4	277·4	17th	287·7	..	..	78	--
1371	Dunedin	45 52	170 31	6·1	..	1002·9	- 8·1	291·4	299·8	19th	281·9	277·2	31st	286·7	..	- 0·8	145	--
1371a	Christchurch	43 32	172 39	7·6	..	1004·5	- 6·1	294·8	303·7	18th	283·0	276·7	17th	288·9	..	- 0·5	25	--
1372	Wellington	41 16 S.	174 46 E.	128	..	1008·0	- 4·8	290·9	294·2	26th	285·1	280·2	29th	288·0	287·4	- 1·9	98	--

JANUARY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	998·9	1005·5	+ 3·1	284·4	286·1	17th	280·2	277·5	1st	282·3	282·6	+ 1·2	141	--
1422	Magallanes	53 10	70 54	28	1000·2	1003·6	+ 3·3	289·9	293·0	5th	281·9	278·2	1st	285·9	285·8	+ 1·8	14	--
1423	Punta Dungeness	52 24	68 26	5	1002·5	1003·1	+ 2·8	290·0	293·4	25th	280·6	277·0	1st	285·3	285·1	+ 0·7	20	--
1424	Santa Cruz	50 1	68 31	13	..	..	..	..	..	..	..	..	..	..	..	..	..	--
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1001·3	+ 1·7	286·9	291·3	7th	277·7	273·6	4th,5th	282·3	..	- 0·2	66	--
1426	Cape Pembroke	51 41	57 42	21·3	1000·0	1002·6	+ 2·9	285·4	290·2	23rd	278·6	274·1	4th	282·0	282·5	0·0	..	--
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	993·1	993·6	- 0·2	278·2	282·8	10th	273·3	271·2	27th	275·7	275·3	- 2·6	72	--

JANUARY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43	44 47	7	993·8	994·7	+ 3·4	274·0	276·6	5th	269·8	266·5	2nd	271·9	271·7	- 1·5	10	--
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, FEBRUARY 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF FEBRUARY, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

FEBRUARY - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1647	Cala Bay	80 20	52 48	5·9	1003·9	1004·7	..	..	272·8	..	..	239·2	..	..	260·6	..	13	..

BETWEEN LATITUDE 80° N. AND 70° N.

FEBRUARY - ZONE 1.

101	Wrangell Island	N.	W.															
105	Barrow	71 23	156 17	4·6	..	1018·6	- 1·0	246·2	251·9	24th	238·8	231·3	20th	242·5	..	- 2·7	3	- 2
121	Pond Inlet	72 43	78 30	4·0	..	1015·2	..	238·9	252·4	28th	232·8	224·1	16th	235·8	235·6	..	1	..
125	Spermvik	72 47	56 7	19·2	1007·6	1010·2	+ 1·4	257·0	264·3	28th	252·0	244·0	18th	254·5	254·4	+ 4·3	0	-13
135	Wynnbukta	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
139	Scoresbysound	70 29	21 58	16·9	1004·8	1007·0	..	259·7	267·5	3rd	249·7	236·0	28th	254·7	255·3	..	..	..
140	Jan Mayen	70 59	W. 8 18	23·1	992·8	995·7	- 7·4	..	275·7	4th	266·3	261·9	18th	..	268·8	- 1·4	62	+18
141	Svalbard Radio (Spitsbergen)	78 13	E. 15 38	53·0	993·1	999·8	- 6·6	..	276·7	7th	262·9	245·2	28th	..	268·0	..	24	..
142	◊Björnöen	74 28	19 17	29·2	995·8	999·5	- 4·7	..	276·4	19th	268·7	250·8	28th	..	270·6	+ 3·6	51	+ 8
143	Ingöy	71 4	24 6	4·3	1004·3	1004·8	- 0·8	..	276·0	4th	268·9	262·8	10th	..	271·1	+ 0·2	15	-40
144	Bjelnes	71 5	28 14	10·2	1005·2	1006·5	+ 3·9	..	275·2	5th	265·0	256·2	16th	..	268·4	..	13	..
147	◊Vardö	70 22	31 5	12·1	1008·1	1009·7	+ 3·8	..	274·2	22nd	264·5	259·1	17th	..	266·9	- 0·1	7	-60
148	◊Malye Karmakouly	72 23	52 44	15·3	1013·2	1015·2	+ 5·9	..	273·2	..	..	252·0	..	..	267·3	+ 9·7	3	-11
150	◊Walgatch	70 24	58 48	11·2	1019·6	1021·1	+ 9·3	264·9	271·5	..	258·8	246·4	..	261·9	262·0	+ 5·8	2	- 4
153	Cape of Desire (Zhelanya)	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
164	◊Odikon	73 30	80 23	13·0	1015·0	1016·7	+ 3·1	261·8	271·7	..	253·6	232·6	..	257·7	257·5	+ 8·9	5	+ 1
	Bouloune	70 45 N.	127 47 E.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

FEBRUARY ZONE 2.

202	Frederikshavn	N.	W.															
203	Savonga	64 52	175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204	Mome	63 43	170 20	5·5	..	..	..	254·7	266·3	10th	248·4	241·3	22nd	251·6	..	..	14	..
206	Bethel	64 30	165 24	6·7	..	1000·0	..	262·7	271·9	11th	254·3	240·8	24th	258·5	..	+ 0·2	19	- 5
207	Tanana	60 45	161 47	11·6	..	996·6	- 8·7	262·9	274·1	3rd	253·7	234·7	27th	258·3	..	- 0·5	7	- 7
208	Fairport	65 10	152 6	69·5	991·9	1000·3	-11·5	268·2	279·1	3rd	255·1	236·9	24th	261·7	260·7	+ 9·2	10	- 9
209	Valdez	65 30	150 15	114	..	..	..	259·4	267·4	5th	252·1	236·3	28th	255·7	..	+ 4·6	8	-10
227	Eagle	61 7	146 16	122	..	..	..	273·0	275·8	8th	267·5	259·7	19th	270·3	..	..	172	..
228	Dawson	64 46	141 12	250	970·2	1001·7	-11·4	264·8	275·2	2,3,13	252·9	236·9	28th	258·9	259·7	+ 6·1	7	- 2
229	Akiavik	64 4	139 29	324	964·8	1007·8	..	257·1	271·9	2nd	247·7	236·3	18th	252·4	252·8	+ 3·7	29	+11
230	Fort Good Hope	68 14	134 50	7·6	1010·8	1011·9	..	249·8	253·0	3rd,28th	242·8	230·8	25th	246·3	246·4	..	27	..
231	Fort Simpson	66 15	128 38	65·2	1006·5	1015·6	..	251·6	260·8	3rd	242·5	232·4	24th	247·1	247·7	+ 2·0	24	+11
	Hay River	61 52	121 15	126	993·4	1010·2	..	261·6	281·9	13th	251·4	242·4	20th	256·5	257·1	+ 7·8	17	- 2
	Coppermine	60 51	115 57	161	989·0	1010·1	..	266·3	280·8	13th	253·5	241·3	8th	259·9	259·4	+10·8	4	-10
	Chesterfield	67 49	115 10	4·6	1013·2	1013·8	..	248·6	256·3	1st,11th	239·8	231·9	5,7,27	244·2	244·3	..	53	..
	Nottingham Island	63 45	91 50	4·0	1015·2	1015·8	..	250·2	264·1	18th	242·4	230·8	11th	246·3	246·2	+ 5·4	..	..
	Hope's Advance	63 7	77 56	16·5	1011·4	1013·6	..	252·4	266·9	26th	242·9	231·9	12th	247·7	247·0	..	..	..
	Resolution Island	61 5	69 33	73·2	1002·6	1012·6	..	254·5	267·4	26th,27th	249·0	239·7	10th	251·7	252·1	..	0	..
		61 18	64 53	38·7	1006·8	1012·0	..	259·5	271·9	27th	251·0	237·4	10th	255·3	255·3	..	57	..
	Jacobshavn	69 13	51 2	31·6	1001·6	1005·8	- 0·6	261·9	272·3	1st	255·0	246·4	24th,25th	258·5	259·1	+ 5·3	9	+ 2
	Godthaab	64 10	51 43	20	..	..	..	268·6	277·8	1st	262·0	255·0	19th	265·3	265·3	+ 2·4	37	- 9
	Ivigtut	61 12	48 10	30·0	1003·0	1006·8	+ 6·1	270·2	282·1	16th	261·6	252·1	19th	265·9	266·6	+ 1·0	92	+23
	Aggasgsalik	65 36	37 33	29·3	999·0	1002·8	+ 1·0	266·4	274·5	3rd	260·5	254·5	27th	263·5	263·5	- 0·4	..	..
	Stykkisholm	65 5	22 46	25	..	999·5	- 1·3	272·1	280·9	2nd	266·5	258·5	21st,22nd	269·3	268·9	- 1·4	73	+ 8
	Vestmanno	63 24	20 17	122	..	998·6	- 1·3	273·7	280·2	3rd	268·4	258·4	21st	271·1	271·1	- 2·5	84	-39
	Grimsey	66 33	18 1	22	..	998·7	- 3·9	271·2	278·5	3rd	..	..	..	..	269·1	- 1·0	5	-12
	Akureyri	65 41	18 5	7	..	999·6	- 3·0	271·3	281·0	3rd	265·2	258·0	22nd	268·3	268·2	- 4·8	63	..
	Isafjorthorn	64 41	14 22	18	..	996·3	- 5·9	273·4	282·1	3rd	266·9	259·4	22nd	270·1	269·6	- 2·2	73	-27
	Hjörig	62 3	6 45	22·9	994·8	997·6	- 7·8	277·8	281·8	8th	272·1	265·6	23rd	274·9	275·2	- 1·0	180	+46
	Lerwick	60 8	W. 1 11	18·0	..	1000·5	- 6·8	277·8	281·3	9th	274·7	270·2	22nd,24th	276·3	276·3	- 0·2	182	+102
	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1000·5	1006·1	- 4·0	275·7	280·5	10th	271·5	267·5	6th	273·6	273·7	- 1·2	185	+52
	Aalesund	62 28	6 10	6·3	1003·2	1004·0	- 5·2	..	280·8	9th	272·5	268·2	28th	..	274·8	- 0·3	73	-19
	Trondheim	63 26	10 25	59·2	998·9	1006·4	- 1·8	272·3	278·8	10th	266·0	258·5	6th	269·1	269·8	- 0·9	32	-36
	Bodö	67 17	14 26	17·0	1003·7	1005·8	+ 0·2	..	279·7	10th	268·6	256·8	28th	..	271·0	+ 0·4	26	-43
	Haparanda	65 50	24 9	9·2	1014·3	1015·5	+ 6·5	265·4	274·0	21st,22nd	258·3	243·2	2nd,3rd	261·9	262·2	+ 0·9	62	+34
	Helsingfors	60 10	24 57	11·7	1017·6	1019·1	+ 6·5	267·9	274·6	21st	263·1	251·0	7th	265·5	265·6	- 0·7	49	+12
	Kasvolo	62 55	27 40	233	990·0	1020·5	+ 7·9	263·9	272·0	21st	259·1	246·7	8th	261·5	261·8	- 1·5	44	+ 9
	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Ust-Tsylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Izhevsk	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1021·2	1022·9	+11·0	263·0	269·8	..	256·9	245·1	..	259·9	260·2	+ 5·8	1	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiskhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

FEBRUARY - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	997·6	- 5·9	267·9	273·6	10th	262·9	255·8	21st	265·4	..	- 2·0	61	..
303	¢Dutch Harbor	53 55	166 30	4·0	993·9	994·6	- 5·0	272·7	276·3	9th	267·5	261·3	22nd,28th	270·1	270·5	- 2·6	217	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	273·8	277·4	10th	268·6	261·9	22nd	271·2	..	..	61	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	262·4	251·9	28th	..	..	..	29	..
306	Kodisk	57 48	152 22	4·6	989·1	989·8	-11·9	276·4	283·0	12th	270·6	260·2	27th	273·5	273·6	+ 0·6	104	..
309	Sitka	57 3	135 19	19·8	..	..	..	280·2	283·6	13th	273·6	269·7	14th	276·9	..	+ 2·7	227	..
310	¢Prince Rupert	54 18	130 18	51·8	1002·7	1009·1	- 2·4	279·3	281·3	2,14,28	275·2	273·0	5,24,25	277·2	277·5	+ 1·7	224	..
311	Prince George	53 50	122 48	570	944·4	1014·2	..	277·1	283·0	18th	265·6	255·2	6,7,9	271·3	271·5	+ 5·4	13	..
312	¢Kamloops	50 41	120 20	385	973·2	1020·9	- 2·5	276·3	284·1	18th	271·2	262·4	7th	273·7	273·8	+ 3·5	11	..
313	Calgary	51 2	114 2	1058	890·3	1014·9	- 4·9	280·2	285·8	18th	266·4	259·1	9th	273·3	272·8	+ 9·5	4	..
314	Fort Smith	60 0	111 52	207	983·7	1010·1	..	269·0	278·6	22nd	256·0	239·1	8th	262·5	262·5	+12·1	14	..
315	Prince Albert	53 10	105 45	436	961·9	1016·9	- 5·3	273·9	280·2	20th	261·2	248·6	9th	267·6	267·3	+12·0	6	..
316	Qu'Appelle	50 31	103 56	654	937·9	1018·2	- 5·0	274·8	280·2	14,19,21	264·4	246·3	9th	269·6	269·1	+13·2	15	..
317	Minnedosa	50 15	99 50	515	954·6	1019·6	- 2·6	271·4	278·0	20th	260·7	239·7	9th	266·1	265·3	+ 9·9	4	..
318	Berens River	52 18	97 2	219	..	..	..	268·2	277·4	24th	255·2	240·2	9th,13th	261·7	..	+ 8·9	..	..
319	Pagwa	50 3	85 18	189	..	..	..	270·8	279·7	20th	251·1	236·3	14th	260·9	..	+ 5·1	25	..
320	Moose Factory	51 14	80 30	9·1	1017·9	1019·1	..	263·2	278·6	24th	250·2	235·2	2nd	256·7	256·4	+ 2·8	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	261·6	273·6	28th	248·9	233·6	1st	255·2	..	+ 5·1	24	..
322	Mistessini Post	50 30	73 55	383	..	..	..	263·9	274·1	22nd	245·9	232·4	2nd	254·9	..	+ 1·0	..	..
323	Fort Chimo	58 10	68 10	15·2	1014·2	1016·2	..	259·9	273·6	26th,28th	247·6	233·6	14th	253·7	253·2	+ 3·8	73	..
324	Nateshkwan	50 14	61 48	6·1	..	..	..	268·0	278·6	26th	258·9	244·7	3rd	263·4	..	+ 5·0	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	See Temp. 280·7|-0·6	..	..	..	..	..	..	..	..
333a	62°-57°N.20°-15°W.	††57 46	††17 22	§ (25)	..	..	..	..	..		..	..	..	..	..	..	130	..
334	Valentia Observatory	51 56	10 15	13·7	1013·4	1015·1	+ 2·4	282·0	284·8	8th	277·8	274·1	18th,19th	279·9	280·3	+ 0·3	87	..
335	Aberdeen	57 10	W. 2 6	26·0	1001·8	1005·0	- 5·2	278·4	286·6	25th	273·9	271·0	16th	276·1	276·0	- 0·7	40	..
336	Greenwich	51 29	0 0	46·3	..	1011·8	- 4·1	280·4	285·8	25th	273·8	270·2	5th	277·1	277·1	- 0·2	..	..
337	Uccle	50 48	E. 4 22	100	999·7	1012·2	- 4·4	278·3	282·2	26th	271·9	263·7	20th	275·1	274·8	- 1·0	89	..
338	De Bilt	52 6	5 11	3·0	1010·7	1011·1	- 5·1	277·1	282·3	27th	271·1	263·9	7th	274·1	274·2	- 1·4	77	..
338a	Hamburg	53 33	9 58	40·3	1006·6	1011·7	- 4·0	274·9	281·2	26th	271·5	265·6	9th	273·2	273·2	- 0·7	40	..
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1011·6	1012·2	- 1·5	274·1	278·9	25th	270·5	265·4	7th	272·3	272·6	+ 0·2	29	..
340	Potsdam	52 23	13 4	84·9	1002·4	1013·1	- 3·0	274·2	280·8	26th	269·7	263·7	9th	271·9	271·7	- 1·8	28	..
340a	Uppsala	59 51	17 38	24	1011·4	1014·4	+ 2·0	270·8	275·5	11th,12th	266·0	255·0	8th	268·4	268·7	+ 0·5	30	..
341	Warsaw	52 13	21 3	88·3	1005·2	1016·5	- 1·5	273·2	280·7	20th	267·2	261·6	17th	270·2	269·8	+ 0·3	32	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1010·2	1020·8	+ 6·7	266·7	275·2	26th	261·3	245·9	6th	264·0	264·2	- 2·2	5	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	1030·7	1041·8	+20·7	261·0	271·0	28th	254·1	248·5	20th	257·5	257·4	- 4·1	4	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	247	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chanter Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§ Number of observations.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
431	Victoria, B.C.	48 24	123 19	70·1	1007·8	1016·4	0·0	281·5	283·6	3,10,18	276·8	273·0	21st	279·2	279·1	+ 1·5	82	- 1
432	Portland, Oregon	45 32	122 41	46·6	1013·2	1018·6	+ 0·3	283·7	287·4	18th	276·8	273·0	22nd	280·2	279·9	+ 1·9	61	-79
433	¢Macleod	..	..	..	..	..	..	280·9	288·6	1st	267·9	252·4	8th	274·4	274·4	+ 8·0	5	-12
434	Helena	49 44	113 24	953	..	..	..	278·7	288·0	18th	268·7	261·9	8th	273·7	273·3	+ 5·9	5	-11
434a	Salt Lake City	46 34	112 4	1257	873·3	1018·6	+ 0·7	277·1	284·7	18th	271·1	267·4	2nd	274·1	274·4	+ 0·5	15	-22
435	Cheyenne	40 46	111 54	1329	868·3	1019·3	+ 0·1	278·8	286·9	19th	267·3	260·8	13th	273·1	273·2	+ 3·2	19	+ 5
435a	North Platte	41 8	104 48	1856	811·0	1017·9	+ 1·7	283·0	291·3	19th	270·3	266·3	14th	276·7	276·2	+ 7·1	19	+ 6
436	Bismarck	41 8	100 45	860	916·7	1017·9	- 0·6	277·2	288·0	15th	267·0	255·2	9th	272·1	271·7	+11·8	19	+ 7
437	Winnipeg	46 47	100 48	510	956·3	1018·6	- 0·9	274·4	286·3	24th	265·1	252·4	13th	269·8	269·1	+ 8·4	18	- 8
438	Duluth	49 53	97 7	232	990·2	1020·2	..	269·8	277·4	23rd	260·5	243·6	9th	265·1	264·9	+ 9·8	5	-14
439	Fort Arthur	46 47	92 6	345	976·6	1019·3	+ 0·7	274·4	286·3	24th	265·1	252·4	13th	269·8	269·1	+ 8·4	18	- 8
440	Chicago	48 27	89 12	196	994·2	1019·3	+ 0·2	271·8	277·4	25th	262·7	249·1	9th	267·2	267·4	+ 7·9	6	-12
441	Toronto	41 47	87 35	205	994·2	1019·3	+ 0·7	277·9	285·2	3rd	272·0	261·9	14th	275·0	274·5	+ 4·8	19	-34
442	New York (Central Park)	43 40	79 24	116	1003·7	1018·5	+ 0·3	273·7	279·1	16th	266·4	255·2	1st	270·1	269·9	+ 3·2	29	-31
442a	St. John, N.B.	40 47	73 58	47·4	1010·5	1016·5	- 1·2	278·2	286·3	28th	269·9	261·9	11th	274·0	274·0	+ 1·6	69	-24
442aa	S.W.Point, Anticosti	45 17	66 4	36·3	1009·1	1013·8	..	271·7	279·1	14th	264·7	251·9	8th	268·2	267·8	+ 2·0	92	- 7
443	Sable Island (Main Station)	43 57	60 6	7·6	1010·0	1011·0	..	275·3	281·9	10th	270·3	263·0	8th	272·8	272·9	+ 1·8	82	-37
445	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456	Madrid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456a	Mantes	40 24	3 41	667	940·7	1020·0	- 0·3	285·2	290·3	12th	274·5	269·5	19th	279·9	279·3	+ 0·8	0	-45
457	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1011·2	1015·7	- 2·4	281·7	285·4	27th	275·9	269·5	20th	278·8	278·5	+ 0·1	74	+16
457a	Marseille	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
458	Zürich	48 49	E. 2 30	50·3	1008·1	1014·4	- 3·5	279·4	285·9	26th	274·0	271·0	5th	276·7	276·7	- 0·4	47	+14
460	Rome	43 18	5 23	75	..	1011·0	- 5·6	283·7	290·6	27th	273·8	268·8	7th	278·8	278·3	- 2·6	32	- 5
460a	Vienna	47 23	8 33	493	955·2	1015·7	- 4·5	276·9	282·9	28th	269·5	262·7	9th	273·2	272·6	- 1·2	89	+34
461	Budapest	41 54	12 29	45·5	1002·4	1007·7	- 8·5	284·9	289·7	20th	277·4	272·0	11th	281·1	280·8	- 0·4	95	+27
462	Sofia	48 15	16 22	203	989·3	1014·7	- 4·2	274·7	281·8	26th	270·5	261·3	10th	272·6	272·6	- 0·9	58	+25
463	Bucharest	47 31	19 1	130	998·3	1012·6	- 4·6	277·6	287·2	20th	272·5	268·3	10th	275·1	274·6	+ 1·1	58	+28
463a	Odessa (Observatory)	42 42	23 20	550	948·5	1015·1	- 5·2	278·5	286·1	19th	272·3	267·3	10th	275·4	275·1	+ 1·9	12	-19
464	Novorossiisk	44 25	26 6	82	1008·2	1018·6	- 1·2	274·3	284·5	16th	269·8	264·6	13th	272·1	271·9	- 0·3	16	-12
465	Tiflis	46 26	30 46	42·8	..	..	..	270·2	..	..	266·4	..	..	268·3	..	- 2·3	..	..
466	Astrakhan	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
467	Fort Alexendrovsk	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
468	Krasnovodsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
469	Kasalinsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
470	Tashkent	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
471	Andijan	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
472	Alma Ata	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
473	Moukden	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
474	Joshin	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
475	Tsitsihar	41 46	123 24	44·3	1022·1	1028·0	+ 2·6	268·0	275·4	21st	256·4	246·7	7th	262·2	262·2	- 1·6	0	- 7
476	Vladivostok	40 40	129 12	31·9	1019·8	1024·0	+ 3·3	271·4	278·6	1st	262·8	254·8	7th	267·1	267·1	- 1·6	13	- 2
476a	Ochtal	42 20	130 24	63·8	1016·0	1024·4	+ 3·3	268·3	277·6	1st	259·3	251·4	7th	263·8	263·6	- 2·8	5	- 4
476b	Nemuro	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
476c	Syanra	47 20	142 47	27·4	1012·4	1016·1	+ 2·3	260·9	269·4	1st	248·7	240·7	17th	254·8	255·0	- 4·5	7	-23
		43 20	145 35	26·7	1012·2	1015·7	+ 3·0	267·4	273·5	1st	257·7	250·1	18th	262·5	262·8	- 4·7	14	-11
		45 14	147 53	39·3	1009·6	1014·8	+ 3·4	263·8	273·3	1st	256·0	246·9	20th	259·9	260·1	- 5·9	35	-19
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

FEBRUARY - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
501	San Francisco	37 48	122 26	47·2	1010·5	1016·2	- 2·9	289·8	293·6	28th	283·7	281·9	23rd	286·7	286·3	+ 2·9	28	-64
502	Sacramento	38 35	121 30	21·0	1013·5	1015·9	- 2·8	289·3	293·0	24th	280·4	276·9	21st	284·9	285·1	+ 1·8	34	-38
503	San Diego	32 43	117 10	26·5	1011·5	1014·5	- 3·1	292·2	298·0	2nd	284·1	279·7	22nd	288·1	288·0	+ 2·4	104	+57
504	Modena	37 48	113 54	1668	832·4	1015·2	- 0·9	278·9	285·2	18th	270·3	265·8	23rd	274·6	274·6	+ 1·8	22	- 4
505	Santa Fé	35 41	105 57	2138	784·9	1015·6	+ 0·2	279·5	283·0	7th	270·6	267·4	28th	275·0	274·6	+ 1·9	19	- 3
506	Denver	39 45	105 0	1613	836·1	1016·9	+ 1·4	281·8	290·8	19th	271·7	268·0	28th	276·8	276·4	+ 4·0	28	+15
507	Abilene	32 23	99 40	530	954·9	1016·9	- 1·5	288·6	295·2	19th	278·9	271·3	14th	283·8	283·5	+ 2·7	65	+42
508	Saint Louis	38 38	90 12	173	998·3	1019·3	- 0·3	282·7	292·4	3rd	274·1	265·2	14th	278·4	278·4	+ 4·5	45	-20
509	Mobile	30 41	88 2	17·4	1015·9	1017·9	- 1·8	291·0	296·3	28th	281·1	273·6	11th	286·0	285·5	+ 1·1	69	-64
510	Nashville	36 10	86 47	166	999·3	1019·6	- 0·8	284·6	292·4	6th	275·1	267·4	15th	279·8	280·2	+ 1·9	128	+22
511	Charleston	32 47	79 56	14·6	1016·6	1018·3	- 1·6	288·8	296·3	18th	279·2	273·0	15th	284·0	284·0	+ 0·3	42	-42
512	Washington	38 54	77 3	34·1	1013·9	1018·3	- 1·3	281·6	288·6	28th	272·7	266·9	11th	277·1	276·6	+ 2·6	35	-46
513	Bermuda	32 17	64 46	38·1	1010·1	1014·6	..	292·4	295·8	5th	285·0	282·4	22nd,23rd	289·2	288·8	- 1·1	237	+118
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1022·7	1028·2	+ 7·5	290·8	294·3	4th	287·7	284·7	10th	289·2	289·1	+ 2·6	47	-25
531	Horta	38 32	28 38	65	1021·0	1028·8	+ 7·7	291·1	293·9	26th	286·9	284·6	12th	289·0	288·5	+ 1·3	45	..
532	Ponta Delgada	37 44	25 40	22	1026·8	1029·5	+ 9·1	289·8	291·3	25th	286·4	284·8	16th,17th	288·1	288·1	+ 1·0	..	-58
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	0
533	Madeira (Funchal)	32 38	16 55	25	1023·1	1026·1	+ 5·3	291·6	293·8	15th	..	..	..	..	..	+ 0·6	14	-25
535	Lisbon	38 43	9 9	95	1011·5	1023·3	+ 3·7	287·3	290·5	24th,27th	285·6	284·2	26th	288·6	288·7	0·0	5	..
536	Gibraltar	36 6	5 21	27·4	..	1020·5	+ 0·5	290·7	294·1	16th	281·7	277·5	19th	286·2	285·4	0·0	1	..
536a	Colomb-Béchar	31 37	W. 2 13	769	933·2	1023·2	+ 4·6	290·3	295·5	13th	275·1	271·2	21st	282·7	281·6	- 1·2	..	..
537	Palma	39 34	E. 2 39	23	1012·4	1015·2	- 3·5	..	..	..	..	..	..	..	‡282·4	- 1·6	16	+10
538	Algiers	36 46	3 13	59	1009·5	1016·7	- 2·0	287·0	291·8	28th	280·7	276·4	21st	283·9	283·6	- 1·9	190	..
538a	Gadames	30 18	9 30	351	..	..	..	292·5	300·2	25th	275·2	269·4	19th	283·9	..	- 2·2	1	..
539	Tunis	36 48	10 10	66	1003·1	1011·1	- 5·4	286·1	293·1	19th	278·6	274·2	15th	282·3	282·0	- 1·8	87	..
540	Malta	35 54	14 31	71·2	..	1009·3	- 6·5	286·7	290·2	19th	281·9	278·6	15th	284·3	283·8	- 1·6	119	..
541	Athens	37 58	23 43	107	998·3	1011·3	- 5·8	286·2	291·5	20th	279·7	275·3	13th	282·9	282·9	+ 0·8	52	..
542	◊Alexandria	31 12	29 53	32·0	1011·6	1015·4	- 1·5	292·7	299·5	16th	283·1	280·2	3rd	287·9	287·7	+ 0·2	4	..
543	Ankara	39 58	32 48	861	913·8	1015·1	- 3·8	281·3	287·4	22nd	272·8	267·8	21st	277·1	277·1	..	33	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1012·9	- 2·2	288·7	292·4	19th	279·8	276·3	21st	284·3	..	..	85	..
544	◊Beirut	33 54	35 28	33·7	..	1013·6	- 2·8	290·2	293·5	16th	284·6	282·2	12th	287·4	287·1	+ 1·2	251	..
545	Hinaidi	33 17	44 29	32·9	1012·2	1016·2	- 3·1	291·1	294·1	18th	278·5	271·4	1st	284·8	284·4	+ 0·5	28	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	+ 0·7	..	..
547	Tehran	35 41	51 25	1220	875·0	1016·3	..	278·4	283·3	20th	271·1	266·4	4th	274·8	274·7	..	86	..
548	Meshed	36 17	59 36	946	..	..	..	275·1	281·2	26th	..	..	..	..	..	- 3·1	48	..
549	Seistan	31 2	61 30	?610	963·7	..	..	284·4	291·0	28th	275·5	267·9	25th	279·9	..	- 3·3	34	..
550	Quetta	30 10	67 1	1647	835·5	..	- 1·1	280·2	286·9	14th	271·3	265·8	25th	275·7	275·6	- 2·9	128	..
551	Peshawar	34 1	71 35	355	976·9	1020·0	+ 0·3	289·1	294·1	22nd,23rd	277·6	273·6	4th,6th	283·4	282·8	- 1·9	26	..
551a	Lahore	31 35	74 20	214	992·0	1017·9	+ 1·0	291·9	296·3	2nd	279·3	276·3	4th,22nd	285·6	285·1	- 1·9	23	..
552	Simla	31 6	77 10	2202	780·2	..	- 0·3	279·6	283·6	28th	273·4	269·1	4th	276·5	276·4	- 2·2	81	..
552a	Leh	34 9	77 34	3503	660·4	..	- 3·2	271·2	273·6	20,24,28	261·6	255·8	5th	266·4	265·4	- 0·7	8	..
558	Sian	34 31	109 5	365	977·0	1021·9	..	278·7	290·0	27th	..	..	..	..	..	..	7	..
559	Hankow	30 35	114 17	39·1	1021·1	1026·1	+ 0·5	279·1	291·6	2nd	271·7	266·5	8th	275·2	276·0	- 2·7	124	..
560	Tientsin	39 9	117 9	6·4	1027·9	1028·6	+ 2·0	275·2	284·0	26th	273·2	270·4	6th	276·1	275·9	- 1·4	3	..
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1023·8	1024·7	- 0·3	280·2	288·4	3rd	265·2	259·6	7th	270·2	269·9	..	148	..
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1015·9	1025·0	+ 2·0	274·2	281·6	2nd	274·2	269·7	15th	277·2	276·6	- 0·5	35	..
562a	Nagasaki	32 44	129 52	133	1003·6	1020·0	- 0·7	282·4	289·4	3rd	266·5	257·4	8th	270·3	269·9	- 1·3	118	..
563	Kyoto	35 1	135 44	42·9	1014·2	1019·6	+ 0·9	281·4	290·0	4th	276·2	270·7	7th	279·3	279·0	+ 0·1	92	..
564	Tokyo	35 41	139 46	5·8	1017·2	1017·9	+ 1·8	279·4	288·6	2nd	272·4	269·3	8th,9th	276·9	276·4	+ 0·4	85	..
565	Hukusima	37 45	140 28	68·5	1010·1	1018·8	+ 2·6	276·8	284·8	2nd	272·1	266·9	9th	275·7	275·5	+ 1·2	37	..
566	Miyako	39 38	141 59	30·4	1013·8	1014·7	- 0·2	276·4	283·1	2nd	268·9	263·8	13th	272·9	272·5	- 1·4	39	..
		N.	E.													- 2·4		

FEBRUARY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1018·8	1019·5	..	..	..	..	287·4	282·4	5th	..	..	..	54	13
605	Honolulu	21 19	157 52	11·6	1018·9	1020·3	+ 3·7	297·4	298·6	17th	293·2	291·3	4th	295·3	295·1	+ 0·7	29	20
613	◊Guaymas	27 55	110 53	8·3	1013·9	1014·9	- 1·1	296·5	301·2	2nd	287·1	284·0	22nd	291·8	291·9	0·0	24	0
614	La Paz, Mexico	24 10	110 20	12	1012·2	1013·6	..	295·0	297·5	5th	289·2	286·8	20th	292·1	292·7	- 1·5	31	0
615	Leon	21 7	101 41	1809	820·0	1012·0	- 1·8	295·1	298·3	2nd	280·8	276·0	20th	287·9	287·2	- 1·3	0	..
616	◊Monterry	25 40	100 18	528	954·8	1016·0	- 0·2	293·1	302·6	23rd	284·1	280·6	15th	288·6	287·7	- 0·4	107	96
617	Tulancingo	20 5	98 22	2181	788·5	..	- 1·7	294·8	300·2	7th	278·5	273·5	20th	286·7	285·5	+ 1·7	..	..
618	Galveston	29 18	94 50	16·5	1016·6	1018·6	- 0·5	290·6	295·8	17th	285·2	280·2	15th	287·9	287·4	+ 1·2	11	..
618a	New Orleans	29 57	90 4	16·2	1015·9	1017·9	- 1·0	292·5	298·6	17th	283·5	275·8	11th	288·0	287·8	0·0	77	..
619	Merida, Yucatan	20 58	89 38	22	1012·7	1015·3	- 1·7	301·6	305·6	17th	291·7	287·0	6th	296·3	295·5	..	99	..
620	Havana	23 7	82 25	77·0	1008·0	1017·0	- 1·3	297·6	300·9	14th	289·6	285·8	22nd	293·6	293·5	- 1·7	56	..
620a	Key West	24 33	81 48	6·7	1015·9	1016·6	- 2·0	295·7	300·2	28th	289·8	285·8	11th	292·7	292·1	- 1·6	..	..
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·4	- 2·2	296·9	300·8	21st	290·3	289·1	4,17,23	293·6	293·5	- 1·1	..	..
622	San Salvador (Watling Island)	24 6	74 26	33·5	1012·6	1016·5	- 2·5	..	299·7	25th	..	292·4	15th	..	295·8	..	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	299·7	309·0	28th	284·7	282·0	9th	292·2	292·6	+ 0·9	0	0
634m	Izaña	28 19	16 30	2367	769·1	..	+ 1·8	280·9	284·5	1st	273·8	269·8	19th,20th	277·4	276·9	- 0·8	39	..
634	La Leguna	28 28	16 20	547	956·2	1020·6	+ 0·7	289·1	293·3	26th	280·2	274·6	29th	284·7	284·1	..	..	..
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	3	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	862·5	1010·2	..	295·1	299·0	22nd	278·3	273·2	8th	286·7	286·5	- 0·4	22	..
639	Sebha	27 1	14 27	424	..	..	..	292·1	299·4	18th	279·1	275·6	21st	285·6	..	..	0	..
640	Hon	29 8	15 56	263	..	..	..	293·0	303·6	19th	275·7	270·3	17th	284·3	..	..	0	..
641	Giarabub	29 44	24 30	12	..	..	..	293·7	299·7	28th	280·5	277·9	14th	287·1	..	..	..	..
642	Siwa	29 12	25 29	-23	1017·5	1014·7	- 3·6	..	..	..	278·2	274·0	1st	..	285·4	..	7	..
643	Cairo (Helwan)	29 52	31 20	116	1001·8	1015·7	- 1·8	293·6	299·2	17th	282·2	279·4	1st	287·9	287·5	+ 0·4	..	..
643a	Aswan	24 2	32 53	100	1002·7	1014·5	- 2·0	298·8	305·4	17th	283·5	279·2	14th	291·1	290·3	+ 0·2	4	..
644	Tor	28 14	33 37	1·9	1014·0	1014·2	- 1·7	294·7	298·4	22nd	282·2	277·8	1st	288·5	288·3	+ 0·1	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

FEBRUARY - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1015·9	1016·5	..	291·3	297·7	26th	285·4	280·2	2nd	288·3	288·0	+ 0·3	88	+40
648	Jask	25 45	57 45	4·0	1015·3	1015·9	..	295·1	298·2	28th	289·1	283·8	24th	292·1	291·8	- 1·1	105	+83
649	Karachi	24 48	66 59	4·0	1016·7	1017·1	+ 0·8	295·8	299·1	18th	287·3	282·4	4th	291·6	291·3	- 2·2	6	- 4
650	Jacobabad	28 17	68 29	56·7	1011·5	1018·3	+ 1·9	294·6	298·0	5 days	281·8	275·8	4th,8th	288·2	287·8	- 2·0	9	+ 1
651	Jaipur	26 55	75 50	436	949·8	1017·6	+ 0·7	296·2	301·3	25th	283·2	275·8	5th	289·7	289·3	- 1·6	4	- 4
652	Nagpur	21 9	79 7	310	979·1	1014·5	- 0·4	306·2	309·7	27th	290·7	286·9	5th	298·4	298·2	+ 2·1	1	-14
653	Allahabad	25 26	81 50	94·2	1004·8	1016·1	+ 0·3	297·9	304·1	26th,27th	285·6	278·6	5th,6th	291·8	291·2	+ 0·1	23	+ 8
653a	Darjiling	27 3	88 16	2265	775·2	..	- 0·2	282·5	286·9	28th	276·1	273·0	13th	279·3	279·2	+ 0·8	13	-14
654	Calcutta	22 32	88 20	6·4	1014·7	1015·6	+ 0·6	301·4	305·8	27th	290·2	284·1	7th	295·8	295·4	+ 1·2	74	+46
655	Gauhati	26 11	91 5	59·7	1008·9	1015·9	- 0·3	299·6	305·2	28th	286·5	282·4	6th,7th	293·1	292·2	+ 1·5	9	-23
656	Cherrapunji	25 15	91 44	1313	870·1	..	+ 0·2	290·5	294·7	27th	282·8	278·6	6th	286·7	286·0	+ 1·0	35	-35
656a	Akyab	20 8	92 55	8·8	1013·5	1014·5	+ 0·3	303·3	307·4	25th	289·4	285·2	7th,8th	296·3	296·1	+ 0·6	0	- 4
656b	Mandalay	21 59	96 6	76·2	1004·7	1013·9	- 0·6	307·4	310·2	27th	289·8	285·8	8th	298·6	297·9	+ 1·7	0	- 2
657	Tengyueh	25 0	98 40	1634	835·6	1013·5	..	291·1	294·1	28th	277·1	271·9	2,5,7	284·1	283·5	+ 1·5	..	..
658	Fai Lien	20 48	106 38	116	..	1015·2	- 1·5	293·5	307·4	5th	288·4	284·3	11th	291·0	290·4	+ 0·8	45	+ 4
659	Monoay	21 31	107 58	9·0	..	1015·7	- 1·6	292·6	301·3	3rd	286·1	281·9	11th,19th	289·4	288·7	+ 0·3	36	-30
660	Hongkong	22 18	114 10	33·2	..	1016·9	- 1·7	291·2	298·5	4th	287·7	282·9	23rd	289·5	289·3	+ 1·4	14	-32
	Amoy	24 26	118 4	4·9	1018·4	1019·0	- 2·3	288·6	297·4	4th,5th	284·2	278·6	22nd,23rd	286·4	286·4	0·0	33	-44
661	Taihoku, Formosa	25 2	121 31	9·3	1018·3	1019·4	- 0·6	292·4	304·2	4th	286·0	282·6	6th	289·2	288·6	+ 0·3	103	-29
661a	Basco	20 28	121 59	18·7	..	1014·7	- 0·3	300·5	302·7	10th	294·7	292·0	3rd	297·6	297·3	+ 1·8	69	-49
662	Naha	26 12	127 39	29·5	1014·2	1017·7	- 1·0	293·9	298·1	5th	288·9	285·7	8th	291·4	291·4	+ 2·4	115	-25
665	Titirima (Bonin Islands)	27 5	142 11	4·3	1015·9	1016·4	- 0·4	295·2	296·9	6th	289·4	283·2	26th	292·3	292·5	+ 2·1	106	+22
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

FEBRUARY - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	◊Colima	19·12	103 45	498	957·2	1013·4	+ 0·1	303·0	307·0	24th	288·8	283·4	28th	295·9	294·5	- 0·8	10	+ 8
716	◊Morelia	19 42	101 7	1923	809·0	1011·0	- 0·7	293·8	296·6	25th	281·6	277·0	20th	287·7	287·5	- 0·7	4	- 2
717	Mexico, Tacubeya	19 24	99 12	2309	773·7	..	- 1·2	296·0	298·7	23rd,24th	278·0	273·2	20th	287·0	286·3	- 0·2	0	- 7
718	Delina Cruz	16 12	95 12	56	1005·0	1011·4	- 2·2	302·0	305·5	14th	293·7	290·7	6th	297·9	297·8	+ 0·2	0	- 7
719	San Salvador	13 42	89 13	682	937·1	1012·4	- 1·0	308·7	310·8	2,9,15	290·2	284·4	6th	299·5	296·8	+ 1·3	18	+11
720	Belize	17 31	88 11	5·2	1013·9	1014·5	- 1·3	300·3	301·9	23rd,28th	294·7	288·6	11th	297·5	297·1	- 0·5	50	-12
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·7	- 1·8	302·6	304·8	8th	294·1	291·0	22nd	298·3	297·9	+ 0·7	34	-13
722	Fort au Prince	18 33	72 20	37·4	1009·7	1014·0	- 2·2	302·9	305·1	24th	294·2	292·0	5th	298·5	297·9	0·0	52	-12
724	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
724a	San Juan, Porto Rico	18 29	66 7	25·0	1011·2	1014·2	- 3·0	299·9	303·6	5th	294·3	291·9	18th	297·1	296·9	+ 0·3	148	+84
725	Grenada (Richmond Hill)	12 5	61 46	188	992·6	1013·9	- 0·2	303·7	305·2	22nd,24th	295·9	294·7	14,17,20	299·8	299·4	+ 1·7	85	+14
726	Barbados	13 8	59 36	57·9	..	1013·0	- 2·0	302·6	303·8	15,25,27	294·1	292·2	22nd	298·3	298·2	+ 0·5	16	-38
727	São Vicente, C.Verde Is.	16 54	25 4	11	1014·0	1015·3	+ 0·1	295·9	297·0	2,13,28	292·5	292·0	sev.dates	294·2	294·2	- 0·1	0	- 5
728	São Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
729	◊Dakar	14 40	17 26	32	1008·4	1012·1	..	300·7	309·4	22nd	290·1	287·6	19th	295·4	295·1	+ 0·3	3	+ 2
730	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	299·9	307·4	12th	291·6	289·7	19th	295·7	295·3	- 1·2	12	+11
731	Médinébalé	12 57	7 26	300	..	..	..	305·8	310·4	16th	290·4	286·8	12th	298·1	298·8	..	..	..
732	Kahara	16 45	W. 3 1	273	..	..	..	301·5	307·0	25th	290·7	287·0	22,23,25	296·1	295·9	..	0	..
733	Sokoto	13 2	E. 5 14	354	..	..	..	309·0	313·0	19th,20th	293·1	288·6	12th,14th	301·1	300·9	+ 1·7	0	0
734	Kaduna Capital	10 32	7 25	?637	..	..	..	306·4	309·4	27th	..	..	..	..	‡297·5	+ 0·2	0	- 1
735	Bilma	18 41	12 55	356	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Maiduguri	11 47	13 11	361	..	..	..	309·2	314·7	20th,21st	..	..	..	..	‡299·0	+ 1·2	0	0
737	Fasher	13 32	25 18	730	926·7	1007·1	..	309·4	313·0	28th	285·4	281·0	13th,14th	297·4	295·6	+ 2·7	0	0
737a	El Obeid	13 11	30 14	563	946·2	1008·7	- 1·8	307·2	310·2	8th	287·2	283·3	3rd	297·2	296·6	+ 2·3	0	0
738	Khartoum	15 37	32 33	390	965·6	1009·2	- 2·1	307·1	310·5	7th	290·7	287·8	13th	298·9	298·9	+ 2·0	0	0
739	Port Sudan	19 37	37 13	5·5	1011·8	1012·4	- 1·4	300·7	304·1	3rd	292·8	287·5	20th	296·7	296·6	+ 0·8	0	- 4
740	Berbera, Somaliland	10 26	45 2	13·8	1010·4	1011·9	- 2·3	302·3	303·6	23rd	298·1	295·8	4th	300·2	299·7	+ 2·0	1	- 4
741	Aden	12 49	45 2	29·9	1010·2	1013·7	- 1·3	302·3	304·7	23rd	297·1	295·8	1st	299·7	299·1	+ 1·6	6	+ 1
742	Bombay	18 54	72 49	11·3	1012·6	1014·0	- 0·5	301·7	303·6	15th,17th	293·3	291·3	9th	297·5	297·3	+ 0·2	0	- 2
743	Kodikanal	10 14	77 28	2343	773·2	..	+ 1·0	293·9	296·9	24th	283·0	280·8	1st	288·5	288·6	+ 3·6	0	-36
744	Bangalore	12 58	77 35	921	913·1	1014·2	+ 0·5	304·7	306·9	11th,18th	288·6	286·3	8th	296·7	296·3	+ 1·1	0	- 4
745	Madras	13 4	80 15	6·7	1013·7	1014·5	+ 0·1	303·2	305·2	27th	293·4	290·2	4th	298·3	297·9	+ 0·1	0	- 8
746	Vizagapatam	17 42	83 18	38·4	1011·2	1015·5	+ 0·9	301·1	303·0	27th	293·5	290·2	3rd,4th	297·3	296·8	- 1·0	0	-22
747	Fort Blair	11 40	92 43	18·0	1010·6	1012·5	- 0·6	303·0	304·7	24th	297·0	294·7	4,5,7	300·0	299·5	- 0·2	0	-22
748	Rangoon	16 46	96 11	5·5	1012·6	1013·4	- 0·3	308·3	310·8	23rd,24th	293·3	290·8	8th	300·8	299·6	+ 1·5	0	- 6
749	Cap St. Jacques	10 20	107 5	180	..	1013·0	..	301·4	304·8	6th	296·9	295·0	14th	299·2	298·8	+ 0·9	0	- 1
750	Bhatrang	12 15	109 12	3·6	..	1013·2	..	302·9	304·6	27th	294·4	292·4	21st	298·6	298·1	+ 0·9	0	-26
751	Haikong	16 23	119 53	2	..	1012·9	+ 1·6	305·1	308·0	9th	294·8	291·7	1st	299·9	299·7	+ 0·9	0	- 9
752	Vigan	17 34	120 23	12·2	..	1012·7	+ 0·7	303·9	305·3	17th	295·3	292·6	24th	299·6	299·0	+ 0·3	0	- 6
753	Manila	14 35	120 59	14·2	..	1013·3	+ 1·0	306·0	308·0	16th	293·9	291·4	19th	299·9	299·2	+ 0·9	6	- 5
754	Cruoc	11 0	124 36	5·6	..	1011·7	+ 1·4	305·0	306·2	22nd	293·6	289·9	25th	299·3	299·2	+ 0·8	15	-105
755	Guam, Ladrone Is.	13 24	144 38	18·6	..	1012·2	+ 2·1	302·3	304·4	26th	296·5	294·5	23rd	299·4	299·5	+ 0·2	23	-44
756	Saipan	15 14	145 46	207	990·9	1011·2	..	300·2	301·1	23rd	295·1	293·9	27th	297·7	297·2	..	55	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean •	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·6	1010·1	- 0·5	303·9	305·8	20th	297·3	294·1	26th	300·6	300·0	+ 0·1	322	
821	ǂCristobal	9 23	79 54	11·0	..	1011·1	- 1·2	302·9	303·6	3rd	298·3	295·8	17th	300·6	300·2	+ 0·8	25	-25
822	Bogote	4 36	74 5	2645	746·6	..	+ 0·9	292·9	296·0	25th	284·1	280·2	8th	288·5	287·8	+ 0·8	77	-20
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	? 983·3	?1007·9	- 3·3	..	..	..	..	..	..	..	..	..	..	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·9	- 2·4	302·8	304·1	16th	297·8	294·7	2nd	300·3	299·8	+ 1·2	78	-26
826	Paramaribo	5 49	55 9	3·7	1010·7	1011·1	- 2·1	304·2	305·7	18,19,26	295·9	293·3	1st	300·1	299·3	+ 1·2	206	+84
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	118	..
833	Konakri	9 31	13 43	16	..	..	..	304·4	307·5	9th	296·2	294·9	sev.dates	300·3	300·3	- 0·2	1	-26
834	ǂFreetown, Sierra Leone	8 29	13 14	55·0	1003·2	1009·5	- 0·3	304·9	306·3	9th	295·6	294·1	2nd	300·3	299·6	..	41	-48
835	ǂAsmuantsi	5 18	1 15	97·3	998·0	1009·1	..	304·3	305·8	6,17,27	295·1	293·6	2nd,25th	299·7	299·1	+ 0·2	54	-40
836	ǂAccra	5 33	W. 0 12	17·7	1007·0	1009·0	- 1·0	304·9	310·8	7th	298·4	294·7	24th,28th	301·7	301·3	+ 1·4	..	..
837	ǂLagos	6 27	E. 3 24	3·0	..	..	..	305·7	308·0	7th	298·7	296·3	7th,13th	302·2	301·3	+ 1·1	37	-31
838	ǂVictoria, Nigeria	4 1	9 12	15·5	1008·7	1010·5	..	304·3	309·7	17th	296·3	288·6	8th	300·3	299·8	..	95	..
839	Yola	9 12	12 30	259	..	..	..	310·3	314·1	21st	296·1	292·4	15th	303·2	303·1	+ 1·3	0	-73
841	Wau	7 42	28 3	440	957·5	1005·6	- 2·2	312·8	314·0	sev.dates	294·1	289·0	24th	303·5	302·4	+ 2·7	..	..
843	Malakal (Kodok)	9 35	31 37	394	962·8	1005·9	- 2·0	312·9	314·7	25th	294·5	290·5	22nd	303·7	302·6	+ 2·8	0	-42
843a	Juba	4 53	31 35	475	953·6	1005·2	..	312·9	316·0	10th	..	..	..	..	303·2	..	16	-26
844	Entebbe	0 5	32 29	1171	..	..	..	301·1	303·0	6,9,19	291·8	289·7	8th	296·4	..	+ 1·2	82	-26
844a	Kampala (Kololo Hill)	0 20	32 36	1310	..	..	..	..	..	..	..	..	..	..	..	..	..	..
845	Sheikh	9 55	45 15	1463	..	..	..	298·9	303·6	11th	285·4	280·8	3rd,5th	292·2	291·5	..	28	-26
851	Minicoy	8 18	73 0	2·7	1012·6	1012·8	- 0·2	304·1	305·2	27th	298·4	295·8	2nd	301·2	300·7	..	0	-27
851a	Cochin	9 58	76 14	2·7	1012·9	1013·4	+ 0·1	304·3	305·2	5 days	297·2	294·7	9th	300·7	300·2	- 0·1	5	-27
852	ǂColombo Observatory	6 54	79 52	7·3	..	1011·2	+ 0·5	304·2	306·4	3rd	296·3	294·5	15th	300·2	299·7	+ 0·3	88	-26
853	ǂNuwara Eliya	6 58	80 46	1881	815·2	1014·6	+ 1·3	294·6	296·7	26th	280·7	275·3	6th	287·6	286·6	+ 0·5	37	-27
854	ǂTrincomalee	8 35	81 15	30·2	..	1011·9	+ 0·6	301·1	302·2	19th,28th	298·3	295·9	2nd	299·7	299·2	- 0·2	64	-26
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	168	+76
856	Medan	3 35	98 41	25·0	..	1010·6	0·0	305·4	307·2	27th	295·8	294·2	24th	300·6	300·0	+ 1·6	20	-72
857	Butterworth	5 25	100 22	2·1	..	..	..	305·4	308·6	28th	296·1	294·7	21st,25th	300·8	300·5	..	32	-60
858	Singapore (Mt.Faber)	1 16	103 49	90·5	..	1010·2	0·0	305·4	306·3	sev.dates	296·2	294·7	27th	300·8	299·5	+ 0·5	150	+52
859	Sandakan	5 50	118 7	31·7	..	..	..	303·5	304·7	7th	297·0	296·3	sev.dates	300·3	300·7	+ 0·4	0	-106
860	Iwahig	9 44	118 38	14·3	..	1011·0	+ 1·3	304·3	305·9	24th	293·6	291·9	12th	298·9	299·1	..	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1011·8	+ 1·5	305·0	307·0	17th,22nd	294·5	291·7	26th	299·7	299·0	+ 0·3	11	-77
861a	Menado	1 30	124 50	8·5	..	..	..	303·1	304·9	15th	295·2	293·6	11th	299·1	298·7	0·0	152	+26
862	Surigao	9 48	125 29	6·0	..	1012·6	+ 2·1	302·4	304·1	25th	295·6	293·3	24th,25th	299·0	298·7	+ 0·2	126	-26
863	Kolonie, Yap	9 29	138 8	29·3	..	1012·3	+ 2·7	302·1	303·4	28th	297·2	295·5	10th	299·7	299·0	- 0·4	40	-112
864	Palau	7 20	134 29	31·8	1008·5	1012·1	+ 2·0	302·2	303·3	5th	296·1	295·0	7th	299·1	299·0	- 0·3	185	+33
867	Ponape	6 58 N.	158 13 E.	38·9	1005·8	1010·2	..	301·8	302·9	26th	297·7	295·7	11th	299·7	299·7	..	115	-39

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BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean •	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1006·7	..	302·3	304·2	14th	298·3	297·1	28th	300·3	299·9	..	490	..
920	Lambayeque	6 46	80 55	15	1008·3	1010·0	..	305·2	307·0	27th,28th	294·8	293·3	7th	300·0	299·0	..	1	-26
921	Quito	0 14	78 30	2816	727·5	..	- 0·4	293·5	297·0	7th	282·9	279·0	25th	288·2	286·8	+ 1·0	102	-26
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S.Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	ǂAscension Island	7 56	W. 14 25	16·8	..	..	..	303·8	305·8	12th	297·1	295·3	28th	300·4	299·5	+ 0·3	10	-26
939	Loenda	8 49	E. 13 13	59·3	..	1009·7	- 1·1	302·8	305·2	17th	298·0	295·7	13th	300·4	300·0	+ 1·2	111	-26
940	Brazzaville	4 17	15 16	320	..	..	..	303·1	306·0	16th	294·0	293·0	23rd	298·5	297·9	- 0·9	201	-26
942	Tshibinda	2 19	28 45	2115	..	..	..	294·5	297·5	..	284·0	282·6	..	289·3	290·0	..	90	..
943	Masaka	0 20	31 44	1280	..	..	..	302·4	305·8	10th	293·4	291·3	26th,28th	297·9	297·2	..	49	-26
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·6	1011·6	..	298·2	302·0	20th	286·5	284·0	16th	292·3	291·6	+ 0·5	278	-26
944a	Zanzibar (Town)	6 10	39 12	17·1	1009·9	1011·8	- 0·7	304·1	306·9	21st	300·0	296·9	25th	302·1	301·6	..	..	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	..	..	..	..	..	..	..	..	..	..	..	..	474	..
947	Seychelles, Port Office	4 37	55 27	4·6	1010·6	1011·0	- 0·3	302·2	303·6	9th	297·2	295·2	5th	299·7	299·1	- 0·1	..	..
957	ǂPadang	0 56	100 22	6·7	..	1010·5	- 0·1	303·6	305·6	12th	296·7	295·6	16th	300·1	299·7	+ 0·2	520	+26
958	Batavia	6 11	106 50	8·0	1009·5	1010·4	+ 0·4	303·4	305·6	10th	297·2	296·3	4th,15th	300·3	299·9	+ 1·4	110	-26
958a	ǂPontianak	0 1	109 20	2·6	..	1010·9	+ 0·8	305·4	307·6	5th	297·6	296·8	14th	301·5	300·4	+ 0·9	163	-26
959	Pasuruan	7 38	112 55	5·0	..	1010·3	+ 1·0	304·6	305·8	22nd	297·1	296·3	2nd	300·9	300·2	+ 0·9	366	+26
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	574	..
962	Amboina	3 42	128 10	4·2	..	1010·1	+ 1·3	306·3	308·5	1st	298·9	297·7	5th	302·6	301·9	+ 2·0	140	-26
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	259	-26
965	Daru	9 4	143 13	7·6	..	1010·0	+ 1·0	304·4	..	..	..	..	..	..	..	..	208	-26
966	Port Moresby	9 29	147 9	38·4	..	1009·7	+ 0·9	..	..	..	297·5	..	..	300·9	300·4	+ 0·5	49	-26
967	Rabaul	4 9	152 12	12·5	1007·4	1008·9	+ 1·0	304·9	307·3	1st	298·6	..	..	..	..	..	185	-26
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	304·3	305·8	27th	296·1	294·7	12th	300·5	299·9	0·0	258	-26
970	Ocean Island	0 52	169 35	42·6	1004·5	1009·4	- 0·4	304·0	306·3	12th	298·1	295·8	10th	301·2	300·9	+ 0·4	411	-26
											298·9	297·4	8,9,27	301·4	300·8	+ 0·5		
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

FEBRUARY - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean •	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Wavau	18 39	173 59	9·1	1006·6	1007·6	..	302·1	303·4	17th	297·1	296·1	16th	299·6	..	..	35	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1005·4	- 2·9	302·5	304·2	11th	297·3	295·9	25th	299·9	299·7	+ 0·1	507	+119
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1007·3	- 2·5	303·1	305·2	1st	295·8	293·6	9th	299·4	299·1	- 0·4	73	-181
1021	Lima	12 5	77 3	111	997·6	1010·4	..	302·4	305·0	28th	292·8	291·6	4th	297·6	296·2	..	0	..
1022	ǂArica	18 28	70 20	5	..	..	..	297·1	301·0	16th	292·0	290·0	12th,17th	294·5	294·5	- 0·3	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·5	..	- 0·3	291·0	295·6	19th	279·9	278·9	11th	285·5	283·8	+ 0·4	77	-34
1025	Corumba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1027	Bello Horizonte	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1028	Geetite	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1029	Ondina (Bahia)	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1030	Aracaju	10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1035	ǂSt. Heleua	15 57	W. 5 40	579	945·6	1011·7	- 0·6	293·8	295·8	9th,26th	289·1	288·0	2nd,6th	291·4	291·5	0·0	37	-31
1039	Mossamedes	15 12	E. 12 9	12·5	1009·4	1010·9	..	..	306·0	12th	..	291·6	4th	..	..	..	15	+ 7
1041	Livingstone	17 41	25 51	972	904·5	1008·2	..	307·4	311·3	28th	293·8	290·8	19th,21st	300·6	..	+ 2·3	47	-73
1041a	ǂElisabethville	11 39	27 28	1230	..	..	..	301·4	304·6	9th	290·5	287·3	2nd	295·9	..	+ 0·7	247	+ 4
1042	Ujiji	19 26	29 45	1411	861·9	1011·6	..	300·5	304·7	28th	288·7	285·8	11,14,18	294·6	..	+ 0·4	178	+42
1043	ǂSalisbury (Dept. Agric.)	17 48	31 5	1489	853·0	1010·8	+ 1·1	300·0	302·4	16th,28th	288·9	286·9	13,14,18	294·4	293·7	+ 0·8	131	-42
1044	Zomba	15 23	35 18	955	904·5	1007·6	0·0	299·8	301·9	19th	292·2	291·3	3,14,25	296·0	295·4	+ 0·8	260	-11
1045	Mosuril	14 57	40 40	15	..	1010·0	..	305·3	307·4	8th	296·9	295·5	23rd	301·1	300·4	..	490	..
1046	Antananarivo	18 55	47 33	1375	863·5	1010·4	+ 1·1	299·3	301·6	22nd	289·4	287·4	14th	294·3	293·0	+ 0·1	368	+80
1049	Cocos, Keeling Is.	12 5	96 53	4·6	1010·4	1011·1	+ 0·4	305·1	306·1	20th,21st	299·4	296·9	2nd	302·2	301·8	+ 1·5	37	-152
1050	ǂChristmas Island	10 25	105 43	5·5	1008·0	1008·7	+ 1·1	303·9	305·8	10th	298·1	296·9	4th	301·0	300·5	+ 0·6	407	+105
1061	Kunang	10 10	123 34	45·1	..	1010·7	+ 1·9	305·4	307·2	22nd	297·3	296·1	23rd	301·3	301·0	+ 1·6	7	-360
1062	Derby	17 18	123 40	16·2	1008·5	1010·2	+ 2·6	309·1	312·2	26th	300·0	296·2	22nd	304·6	..	+ 1·4	21	-130
1063	Hall's Creek	18 13	127 46	373	968·4	1008·9	+ 1·8	311·4	314·7	12th	295·4	289·1	6th	303·4	303·0	+ 0·7	12	-104
1064	Darwin	12 28	130 51	29·6	1005·0	1008·3	+ 2·0	307·3	308·7	28th	299·4	295·1	5th	303·4	302·4	+ 1·8	11	-315
1065	Daly Waters	16 16	133 23	211	984·6	1007·6	+ 2·1	312·5	316·3	11th	296·9	291·9	6th	304·7	304·3	+ 2·0	49	-110
1066	Falmerville	15 56	144 8	210	984·7	1007·9	+ 0·9	307·1	309·2	6,9,10	295·6	293·0	25th,26th	301·3	..	+ 0·7	110	-144
1067	Georgetown, Queensland	18 22	143 32	302	975·7	1008·9	+ 0·9	309·3	312·0	9th	296·4	293·3	25th	302·9	..	+ 2·0	81	-113
1072	Willis Island	16 18	149 59	8·5	1005·9	1007·0	- 0·1	303·5	305·1	9th	298·5	296·1	12th	301·0	301·1	+ 0·3	201	-13
1047	Samarai	10 37	150 40	6·1	..	1008·8	+ 0·8	..	..	..	298·1	..	..	..	..	..	79	-126
1072	Suva, Fiji	18 8	178 26	6·1	1004·3	1005·1	- 2·6	302·4	304·1	5,8,14	297·2	295·2	25th	299·8	299·5	0·0	547	+275
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
See Table of Authorities, Remarks, pages 105-15.

BETWEEN LATITUDE 20° S. AND 30° S.

FEBRUARY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean •	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1009·3	1009·7	..	303·4	305·8	17th	293·6	289·1	11th,13th	298·5	..	..	10	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	302·0	303·6	12,20,27	295·1	292·4	11th	298·6	298·3	- 0·5	281	+30
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1010·4	1013·2	- 1·0	295·2	297·8	27th	289·7	288·5	1st	292·5	292·1	+ 1·5	0	0
1122	Antofagasta	23 42	70 24	94	999·8	1010·7	- 3·6	297·5	299·0	26th	290·8	289·4	14th	294·1	293·8	0·0	0	0
1124	Catamarca	28 29	65 47	528	..	..	..	..	..	..	..	..	..	..	..	0·0	0	0
1125	Salta	24 46	65 24	1173	881·8	1007·6	0·0	300·6	304·9	3rd	289·4	284·2	25th	295·0	295·0	+ 0·4	115	+58
1126	Goya	29 9	59 15	37	1006·2	1010·4	+ 0·4	307·6	311·3	28th	294·6	288·6	21st	301·1	300·0	+ 1·7	98	-48
1127	Asuncion	25 17	57 41	139	996·6	1012·3	+ 2·8	308·0	312·0	19th	296·2	292·1	13th	302·1	301·0	+ 0·9	30	-76
1128	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	159	+34
1129	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1130	ǂLüderitz	22 34	E. 17 6	1727	830·2	1009·1	..	301·9	307·6	28th	290·4	287·5	28th	296·1	295·1	+ 0·6	87	+ 6
1131	Kimberley	29 36	17 52	933	912·3	1014·4	+ 2·6	305·3	312·3	13th	..	..	..	..	‡295·3	..	4	- 4
1132	Johannesburg	28 44	24 46	1218	880·2	1010·4	+ 1·1	303·4	307·1	15th	290·7	287·8	20th	297·1	296·3	- 0·1	93	+26
1133	Bulawayo	26 11	28 4	1806	824·2	1013·0	+ 0·9	298·4	303·1	15th	286·7	283·6	26th	292·6	292·1	+ 0·9	62	-71
1134	Durban	20 9	28 35	1349	867·9	1011·5	+ 0·7	301·9	305·8	19,20,28	289·4	288·0	13,19,25	295·7	295·2	+ 1·4	43	-58
1135	Lourenco Marques	29 52	31 3	15·2	1012·4	1014·1	- 1·6	302·3	305·1	7th	295·6	292·6	16th	298·9	298·4	+ 1·3	40	-85
1136	ǂMauritius	25 58	32 36	59·5	..	1013·5	+ 0·4	309·7	309·7	18th	295·5	293·2	15th	299·8	299·2	+ 0·9	88	-82
		20 6	57 33	55·2	1005·6	1011·9	+ 1·1	301·9	304·1	2nd	295·9	292·1	17th	298·9	298·5	- 0·3	545	+354
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
See Table of Authorities, Remarks, pages 105-15.
†Estimate not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1008·4	1008·9	+ 2·5	310·2	318·4	4th	296·9	294·1	20th	303·6	..	+ 0·8	0	-36
1160	Cue	27 27	117 52	454	961·1	1010·9	+ 2·5	309·3	314·7	6th	294·0	286·4	25th	301·7	..	- 0·9	79	-17
1161	Nullagine	21 53	120 5	386	..	..	..	312·6	316·9	11th	296·8	293·6	16,24,25	304·7	..	+ 0·7	5	-37
1162	Laverton	28 40	122 23	466	962·0	1013·8	+ 3·0	306·3	315·8	11th	291·5	284·8	26th	298·9	298·7	- 1·6	23	-17
1163	Alice Springs	23 38	133 37	587	946·0	1009·8	+ 2·6	307·8	313·6	19th	290·8	285·2	4th	299·3	299·5	- 1·6	0	-25
1164	William Creek	28 55	136 21	76·2	1005·3	1013·9	+ 3·3	306·3	314·1	12th	289·8	285·6	21st	298·1	297·3	- 3·2	0	-25
1164a	Birdsville	22 55	139 38	146	991·0	1007·0	+ 0·7	313·4	316·8	10th	297·4	289·3	22nd	305·4	305·6	+ 1·7	0	-25
1165	Thargomindah	27 58	143 43	123	995·6	1009·2	+ 0·4	309·6	313·6	9th,19th	297·2	288·4	22nd	303·4	303·1	+ 0·9	4	-21
1166	Mitchell	26 32	147 52	336	973·3	1010·7	+ 0·7	307·1	310·7	20th	292·8	281·7	23rd	300·0	..	+ 1·0	..	..
1167	Rockhampton	23 24	150 30	11·3	1008·4	1009·7	- 0·5	303·9	308·7	9th	294·6	291·4	23rd	299·2	298·6	- 0·5	226	+90
1168	Brisbane	27 28	153 2	41·8	1009·0	1013·4	+ 0·8	300·8	305·3	21st	292·5	287·7	23rd	296·7	296·3	- 1·0	485	+62
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1015·3	1017·0	+ 3·7	297·8	301·1	3rd,22nd	293·3	289·7	15th	295·6	295·2	+ 0·4	62	-11

FEBRUARY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1221	ϕJuan Fernandez	33 37	78 52	6	1016·5	1017·2	- 0·4	295·7	298·5	24th	289·9	286·7	5th	292·8	292·6	+ 0·6	14	-24
1121a	Punta Tumbes	36 37	73 6	120	999·1	1013·3	- 1·0	293·0	295·2	24th	286·2	284·0	20th	289·6	289·3	+ 1·5	2	-24
1222	ϕPunta Angeles, Valparaiso	33 1	71 38	41	1008·6	1013·4	- 0·8	296·5	302·0	25th	288·1	286·6	17th	292·3	292·0	+ 1·3	0	-24
1222a	Santiago	33 27	70 42	520	952·3	1011·1	- 0·9	301·5	306·2	25th	287·3	284·0	20th	294·4	293·5	+ 1·8	231	+76
1223	Cordoba	31 25	64 12	423	962·0	1009·5	- 0·6	303·2	310·4	2nd	290·1	285·2	21st	296·6	296·3	+ 0·8	37	-11
1224	Bahia Blanca	38 45	62 16	28·7	1007·6	1010·9	- 1·6	300·7	310·1	27th	290·4	283·7	20th	295·6	296·9	+ 1·8	..	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·3	1012·2	- 0·5	302·9	311·0	28th	292·2	284·8	20th	297·6	297·4	+ 1·9	42	-19
1226	Montevideo (Prado)	34 52	56 12	24·9	1010·5	1013·8	+ 1·1	301·7	308·6	28th	290·4	283·5	21st	296·1	295·8	+ 0·0	106	+60
1226a	Porto Alegre	30 2	W. 51 13	23·5	1009·2	1011·9	- 0·7	304·7	310·3	18th	293·0	289·4	12th	298·9	298·4	+ 0·8	60	+42
1239	Cape Town	33 56	E. 18 29	12·2	1013·1	1014·5	+ 1·5	300·7	310·9	25th	289·9	286·3	10th	295·3	293·8	+ 1·0	33	-13
1240	ϕDanger Point	34 37	19 18	27·7	..	..	..	294·7	299·1	12th	287·8	285·2	19th	291·3	..	+ 0·5	20	-13
1240a	Klaver	31 47	18 37	41·8	1010·0	1014·8	- 0·1	305·3	313·8	..	289·7	285·9	..	297·5	..	+ 0·5	3	-30
1241	ϕRiversdale	34 6	21 16	105	..	..	..	302·4	313·4	17th	283·3	275·2	19th	292·8	..	- 2·1	13	-20
1242	East London	33 1	27 54	45·4	1009·0	1014·3	+ 0·3	298·7	303·8	27th	291·7	288·0	3rd	295·2	..	+ 1·0	42	-11
1259	Perth (Observatory)	31 57	115 51	60·0	1009·1	1016·2	+ 2·9	300·6	311·9	2nd	288·6	284·0	4th	294·6	294·0	- 1·7	1	-25
1260	Katanning	33 42	117 35	310	981·5	1017·1	+ 2·9	300·4	310·9	2nd	285·5	279·8	13th	293·0	..	- 1·3	5	-21
1261	Coolgardie	30 57	121 10	423	967·6	1015·0	+ 2·7	304·1	313·6	10th	288·8	283·0	13th	296·4	296·2	- 1·2	31	-2
1262	Eucla	31 45	128 58	4·6	1015·7	1016·2	+ 2·0	297·1	314·1	24th	288·6	281·9	6th	292·9	292·2	- 1·7	2	-29
1263	Streaky Bay	32 48	134 13	13·1	1015·6	1016·9	+ 2·6	300·5	310·2	24th	287·4	282·6	3rd	293·9	293·1	- 1·8	8	-23
1264	ϕAdelaide	34 56	138 35	42·7	1011·6	1016·8	+ 2·5	301·6	312·6	12th	287·4	283·7	10th	294·5	294·0	- 1·8	30	-13
1265	Melbourne	37 49	144 58	35·1	1011·4	1015·6	+ 1·1	298·3	310·1	18th	284·9	281·3	21st	291·6	291·2	- 1·2	0	-25
1266	Bourke	30 13	145 58	110	1001·0	1013·3	+ 0·7	310·4	314·7	9th,10th	289·2	285·2	22nd	299·8	..	- 1·6	..	..
1267	Sydney	33 51	151 13	42·1	1010·6	1015·4	+ 1·5	298·0	313·1	20th	291·1	283·7	22nd	294·6	294·3	- 0·3	119	+41
1268	Lord Howe Island	31 20	159 0	4·9	1015·6	1016·2	+ 1·6	297·6	300·6	1st	292·8	289·4	17th	295·2	..	- 0·5	41	-11
1271	Auckland	36 51	174 48	**40·8	..	1016·6	+ 1·4	294·4	297·2	22nd	286·0	283·0	18th	290·2	..	- 2·2	..	..
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..

FEBRUARY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1301	ϕChatham Island	43 52	176 42	45·7	..	1009·0	- 2·6	..	..	..	..	..	..	..	..	..	45	..
1321	Isla Guafo	43 34	74 45	140	997·5	1014·2	- 1·6	289·2	291·7	11th	285·3	283·2	2nd	287·3	287·1	+ 1·7	66	..
1322	Punta Galera	40 1	73 44	40	1009·3	1014·1	- 1·5	291·0	295·2	25th	284·9	281·5	4th,18th	287·9	287·9	+ 1·3	38	..
1323	Sarmiento	45 33	69 1	272	976·1	1007·6	- 1·5	298·4	306·1	12th	285·2	281·5	16th	291·8	290·9	+ 0·9	8	..
1324	Puerto Madryn	42 46	W. 65 2	14	1007·3	1008·9	- 0·8	301·7	309·7	13th	286·2	279·0	10th	294·0	294·5	+ 2·2	..	..
1365	Launceston	41 27	E.147 10	81·1	1003·7	1013·3	- 0·2	297·0	303·6	25th	282·2	275·8	2nd	289·6	288·3	- 1·3	29	-53
1366	Hobart	42 53	147 20	53·9	1005·1	1011·5	- 1·5	294·8	302·5	8th	283·9	277·8	21st	289·3	288·0	- 0·6	53	-29
1369	Invercargill	46 25	168 21	3·7	..	..	..	291·2	299·7	19th	281·4	274·1	15th	286·3	..	- 0·6	133	+77
1370	Alexandra	45 15	169 24	159	..	..	..	293·3	301·9	19th	281·9	275·9	5th	287·6	..	- 0·7	44	-7
1371	Dunedin	45 52	170 31	6·1	..	1012·5	- 0·2	290·9	300·4	19th	282·1	278·5	16th	286·5	..	- 1·4	125	+67
1371a	Christchurch	43 32	172 39	7·6	..	1012·5	- 1·0	292·7	302·1	20th	282·4	277·5	25th	287·6	..	- 3·1	51	-7
1372	Wellington	41 16 S.	174 46 E.	128	..	1014·0	- 1·0	290·3	295·6	27th	283·4	278·6	16th	286·9	286·3		44	+12

FEBRUARY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1421	Islote de los Evangelistas	52 24	75 6	55	994·3	1000·9	- 1·8	284·7	288·4	9th	280·4	277·0	18th	282·5	282·8	+ 1·3	239	..
1422	Magallanes	53 10	70 54	28	996·2	999·6	- 0·9	287·7	294·0	14th	279·8	276·0	5th	283·7	283·8	+ 0·4	42	..
1423	Punta Dungeness	52 24	68 26	5	998·1	998·7	- 1·2	288·0	291·4	13th	..	..	..	..	..	+ 0·7	13	..
1424	Santa Cruz	50 1	68 31	13	1001·2	1002·8	- 1·5	294·2	299·8	11th	283·4	277·2	27th	288·8	287·9		66	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	997·7	- 3·5	286·3	290·8	24th	278·0	273·0	21st	282·1	..	- 0·3	..	..
1426	Cape Pembroke	51 41	57 42	21·3	997·2	999·8	- 1·5	284·8	289·7	24th	278·5	275·2	21st	281·6	282·1	- 0·5	144	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	995·9	996·4	+ 0·6	279·5	286·4	13th	273·5	271·2	24th	276·5	276·3	- 2·1	..	..

FEBRUARY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1527	South Orkneys	60 43	44 47	7	995·4	996·3	+ 4·7	275·1	282·0	15th	270·7	266·6	20th	272·9	272·5	- 0·8	26	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 13·4m. to 40·8m. from February 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, MARCH 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

MARCH - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1047	Calm Bay	80 20	52 48	5·9	1014·3	1015·1	..	..	262·1	..	..	239·2	..	..	247·1	..	5	..

BETWEEN LATITUDE 80° N. AND 70° N.

MARCH - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1104	Barrow	71 23	156 17	4·6	..	1032·8	+12·4	253·3	259·7	16th	245·2	237·4	2nd	249·3	..	+ 3·2	0	- 3
1121	Pond Inlet	72 43	78 30	4·0	..	1025·0	..	244·1	253·6	12th	235·7	224·7	22nd	239·9	239·8	..	1	..
1201	Spermwik	72 47	56 7	19·2	1020·6	1023·2	+10·8	256·1	273·5	26th	248·5	243·0	3rd	252·3	251·8	+ 0·1	2	-15
1301	Myggbukta	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1302	Scoresbysund	70 29	21 58	16·9	1020·4	1022·7	..	262·9	269·4	18th	247·3	233·5	2nd	255·1	254·3	..	..	..
1303	Jan Mayen	70 59	W. 8 18	23·1	1015·8	1018·7	+ 8·3	..	274·5	31st	264·3	256·6	27th	..	266·9	- 1·8	45	+11
1140	Svalbard Radio (Spitsbergen)	78 13	E. 15 38	53·0	1007·6	1014·7	+ 5·2	..	268·6	6th	254·6	243·3	1st	..	257·3	..	10	..
1141	ϕGrönden	74 28	19 17	29·2	1007·4	1011·3	+ 4·1	..	273·7	20th	258·5	250·0	1st	..	262·2	- 2·7	7	-29
1142	Ingoy	71 4	24 6	4·3	1007·5	1008·0	0·0	..	275·8	20th	267·9	260·7	1st	..	270·0	- 0·6	96	+43
1143	Sletnes	71 5	28 14	10·2	1005·6	1006·9	+ 0·6	..	275·9	7th	266·7	260·1	3rd	..	269·4	..	94	..
1147	Øvardö	70 22	31 5	12·1	1004·8	1006·4	- 0·5	..	274·0	7th	266·1	258·2	3rd	..	268·1	- 0·2	63	+ 9
1148	Malye Karmakouly	72 23	52 44	15·3	1004·8	1006·8	- 3·2	..	271·7	..	..	245·3	..	..	256·0	- 1·6	4	- 8
1149	Ostgatch	70 24	58 48	11·2	1005·8	1007·3	- 2·2	256·3	268·4	..	248·6	241·0	..	252·5	252·5	- 2·6	2	- 3
1150	Dickson	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1152	Bouloune	73 30	80 23	13·0	1007·4	1009·2	- 1·6	..	262·8	..	243·9	236·6	..	..	246·3	- 2·7	3	- 1
		70 45	127 47	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

MARCH - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1201	Preobrajenye	64 52	175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1202	Savoonga	63 43	170 20	5·5	..	..	..	263·3	274·1	10th	255·5	245·8	30th	259·4	..	..	2	..
1203	Nome	64 30	165 24	6·7	1015·6	1016·2	+ 4·2	266·7	272·4	24th,27th	256·7	245·2	1st	261·7	263·1	+ 1·4	4	-19
1204	Bethel	60 45	161 47	11·6	..	1011·2	+ 3·1	266·6	276·3	7th,8th	256·3	241·3	1st	261·4	..	- 1·0	7	-14
1205	Tununa	65 10	152 6	69·5	1010·1	1018·6	+ 4·6	264·3	272·4	25th,26th	253·3	244·1	16th,17th	258·8	259·9	+ 0·2	4	-13
1206	Rampart	65 30	150 15	114	..	..	..	261·6	274·7	25th	251·4	239·1	13th	256·5	..	- 1·4	3	- 9
1207	Walden	61 7	146 16	122	..	..	..	272·2	274·7	sev.dates	263·6	253·6	14th,15th	267·9	..	..	105	..
1208	Eagle	64 46	141 12	250	986·4	1018·6	+ 4·4	265·6	278·6	28th,29th	248·9	230·8	14th	257·2	258·3	- 2·6	0	-10
1209	Dawson	64 4	139 29	324	979·2	1022·4	..	261·7	279·1	28th,29th	249·1	231·9	16th	255·4	255·6	- 2·3	0	-13
1211	Aklavik	68 14	134 50	7·6	1028·1	1029·2	..	251·4	260·8	25th,26th	241·1	229·7	12th	246·2	246·2	..	17	..
1212	Fort Good Hope	66 15	128 38	65·2	1023·5	1032·7	..	253·0	270·8	26th	240·8	225·8	12th	246·9	247·7	- 2·9	11	- 6
1213	Fort Simpson	61 52	121 15	126	1009·0	1026·2	..	261·4	276·9	28th	248·9	232·4	12th	255·2	255·3	- 0·1	15	+ 3
1214	Hay River	60 51	115 57	161	1004·2	1026·2	..	258·9	280·8	30th	247·1	227·4	25th	253·0	252·9	- 2·4	15	+ 2
1215	Coppermine	67 49	115 10	4·6	1026·7	1027·3	..	246·4	263·0	26th	238·9	226·3	11th	242·7	243·0	..	19	..
1216	Chesterfield	63 45	91 50	4·0	1024·7	1025·3	..	248·2	259·7	30th	240·8	233·0	17th	244·5	244 4	- 1·1	..	..
1217	Nottingham Island	63 7	77 56	16·5	1020·3	1022·5	..	256·3	268·6	12th	247·7	237·4	22nd	252·0	251·9	..	..	..
1218	Hope's Advance	61 5	69 33	73·2	1013·0	1023·0	..	259·0	268·0	15th	253·6	240·8	23rd	256·3	256·3	..	2	..
1219	Resolution Island	61 18	64 53	38·7	1019·5	1024·7	..	262·2	271·9	10th,11th	254·7	243·0	27th	258·4	258·4	..	15	..
1220	Jacobshavn	69 13	51 2	31·6	1015·4	1019·7	+ 9·7	258·9	270·1	27th	252·3	245·0	21st	255·6	255·9	- 0·9	3	- 9
1221	Godthaab	64 10	51 43	20	..	..	..	267·2	277·0	26th	261·5	255·0	24th	264·3	263·8	- 1·5	4	-41
1222	Ivigtut	61 12	48 10	30·0	1011·1	1015·0	+10·4	270·0	279·9	9th	260·8	249·6	5th	265·4	266·0	- 2·3	23	-63
1223	Angmagssalik	65 36	37 33	29·3	1010·3	1014·1	+ 7·4	269·2	277·6	29th	260·9	254·1	22nd	265·1	265·1	- 0·6	57	-14
1224	Bykkisholm	65 5	22 46	25	..	1013·0	+ 7·1	275·4	280·9	24th	269·1	257·5	2nd	272·3	272·2	+ 1·5	81	+31
1225	Westmanno	63 24	20 17	122	..	1013·0	+ 9·1	276·6	280·5	25th	272·9	265·4	1st	274·7	275·0	+ 1·2	..	..
1226	Grimsey	66 33	18 1	22	..	1015·4	+ 8·4	273·6	279·2	24th	..	..	..	..	271·4	+ 1·7	9	- 8
1227	Akureyri	65 41	18 5	7	..	1016·2	+ 9·2	274·1	282·6	25th	267·8	259·2	3rd	270·9	271·3	- 1·5	33	..
1228	Teigarhorn	64 41	14 22	18	..	1017·2	+11·3	275·4	281·2	24th	269·5	261·9	4th	272·5	272·5	+ 0·8	97	+16
1229	Hjvig	62 3	6 45	22·9	1015·0	1017·8	+11·1	278·2	282·8	20th	273·1	265·6	3rd	275·7	276·0	- 0·2	21	-103
1230	Lerwick	60 8	W. 1 11	18·0	..	1016·8	+ 9·8	277·7	281·3	21,22,23	274·1	268·6	3rd	275·9	275·9	- 0·8	19	-61
1231	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1011·5	1017·1	+ 7·7	277·1	284·5	20th	270·2	265·5	6th	273·7	273·5	- 2·2	25	-96
1232	Aalesund	62 28	6 10	6·3	1016·3	1017·1	+ 8·1	..	285·2	21st	271·0	266·9	7th	..	273·8	- 1·7	88	+ 8
1233	Trondheim	63 26	10 25	59·2	1008·9	1016·5	+ 7·7	273·6	280·6	22nd	264·7	254·4	6th	269·1	269·8	- 2·4	44	-14
1234	Haparanda	67 17	14 26	170·2	1011·2	1013·3	+ 6·5	..	279·3	25th	266·4	259·4	7th	..	270·2	- 1·2	83	+25
1235	Helsingfors	65 50	24 9	9·2	1009·6	1010·8	+ 0·4	269·1	278·5	21st	259·4	243·0	4th	264·3	265·0	+ 0·1	16	-10
1236	Enopio	62 55	27 40	233	980·6	1010·3	- 2·3	270·1	283·0	22nd	262·2	254·5	5th	266·1	266·3	- 0·8	32	- 3
1237	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1238	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1239	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1240	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1241	Ostr.-Tsylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1242	Tolerdyn	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

MARCH - ZONE 2.cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Tugor Strait	69 49	60 45	13·0	1005·2	1007·0	- 2·6	255·9	267·5	..	247·3	236·1	..	251·6	251·6	- 2·9	5	..
249	Berezov	63 56	65 4	46	..	..	..	..	..		..	..		..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..		..	..		..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..		..	..		..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..		..	..		..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..		..	..		..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..		..	..		..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..		..	..		..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..		..	..		..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..		..	..		..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..		..	..		..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..		..	..		..	..	..	..	..
271	Novo Marlinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	..	..		..	..		..	..	..	..	..

MARCH - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1009·8	+ 3·0	271·1	276·3	31st	266·3	257·4	1st	268·7	..	- 0·9	27	..
303	∮Dutch Harbor	53 55	166 30	4·0	1007·1	1007·8	+ 1·1	275·3	281·9	26th	270·9	265·2	1st	273·1	273·2	- 0·7	89	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..		..	..		..	..	+ 0·6	18	..
306	Kodiak	57 48	152 22	4·6	1005·4	1006·1	+ 0·4	273·1	288·6	3rd	263·2	253·0	20th	268·1	..	+ 0·6	70	..
								277·8	282·4	10th	270·6	261·9	1st	274·2	274·4			
309	Sitka	57 3	135 19	19·8	..	..	..	280·2	285·8	28th	272·7	266·3	11th,12th	276·5	..	+ 0·9	130	..
310	∮Prince Rupert	54 18	130 18	51·8	1006·8	1013·2	+ 0·6	281·0	285·8	27th	274·5	267·4	11th	277·7	277·8	+ 0·8	172	..
311	Prince George	53 50	122 48	570	947·3	1017·3	..	277·6	286·3	18th	265·3	246·3	10th	271·5	271·7	- 0·1	55	..
312	∮Kamloops	50 41	120 20	385	972·2	1019·0	- 0·1	282·5	290·2	21st	274·3	265·2	10th	278·4	278·4	+ 2·0	20	..
313	Calgary	51 2	114 2	1058	894·2	1021·0	+ 4·9	275·7	290·2	21st	263·9	249·7	27th	269·8	269·6	+ 0·5	49	..
314	Fort Smith	60 0	111 52	207	997·6	1025·1	..	261·9	280·2	30th	249·2	229·7	11th	255·6	255·8	- 0·6	31	..
315	Prince Albert	53 10	105 45	436	968·3	1024·1	+ 5·1	271·0	284·1	31st	260·1	240·2	11th	265·5	265·3	+ 2·4	22	..
316	Qu'Appelle	50 31	103 56	654	941·9	1023·4	+ 3·7	271·9	286·9	31st	261·4	244·7	27th	266·7	266·4	+ 2·5	26	..
317	Minnedosa	50 30	99 50	515	959·2	1024·6	+ 5·6	271·6	280·2	31st	259·4	246·9	15th,26th	265·5	265·1	+ 1·7	21	..
318	Berens River	52 18	97 2	219	..	..	..	268·7	279·7	21st	255·3	241·9	26th	262·0	..	- 0·2	13	..
319	Pagwa	50 3	85 18	189	..	..	..	270·8	281·9	31st	257·0	246·9	28th	263·9	..	+ 2·8	15	..
320	Moose Factory	51 14	80 30	9·1	1019·8	1021·0	..	267·1	278·6	24th	257·3	244·1	28th	262·2	262·2	+ 1·3	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	268·6	278·6	14th	257·6	240·2	26th	263·1	..	+ 7·3	20	..
322	Mistassini Post	50 30	73 55	383	..	..	..	273·7	281·9	24th	262·1	246·9	8th	267·9	..	+ 4·6	..	..
323	Fort Chimo	58 10	68 10	15·2	1021·5	1023·5	..	266·5	278·0	25th	255·3	240·2	27th	260·9	260·9	+ 4·3	66	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	275·0	278·0	1st,18th	267·4	260·2	7th	271·2	..	+ 7·1	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 1	††17 27	§ (30)	..	..	..	..	..	Sea Temp. 281·0|-0·2	..	..	..	..	280·0	..	309	..
334	Valentia Observatory	51 56	10 15	13·7	1006·9	1008·6	- 4·3	283·3	286·7	18th	279·2	271·0	10th	281·3	281·2	- 1·9	38	0
335	Aberdeen	57 10	W. 2 6	26·0	1013·4	1016·7	+ 7·3	277·9	285·7	22nd	272·7	262·0	4th	275·3	275·4	- 1·1	..	..
336	Greenwich	51 29	0 0	46·3	..	1014·3	+ 1·0	282·3	293·6	20th	273·7	266·9	10th	278·0	277·4		..	..
337	Uccle	50 48	E. 4 22	100	1001·9	1014·3	- 0·3	282·7	295·9	20th	272·7	263·6	10th	277·7	276·8	- 0·8	28	..
338	De Bilt	52 6	5 11	3·0	1014·8	1015·2	+ 2·0	280·6	292·2	21st	271·8	261·7	10th	276·2	275·4	- 2·2	23	..
338a	Hamburg	53 33	9 58	40·3	1010·2	1015·3	+ 2·5	277·8	285·6	23rd	270·5	263·2	7th	274·1	273·8	- 2·6	45	..
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1014·2	1014·8	+ 2·5	275·4	282·4	21st	269·3	261·6	11th	272·3	272·4	- 3·7	27	..
340	Potsdam	52 23	13 4	84·9	1004·6	1015·3	+ 2·0	277·8	287·2	21st	269·3	261·4	8th	273·5	273·1	- 3·0	23	..
340a	Uppsala	59 51	17 38	24	1010·2	1013·3	+ 1·9	273·1	283·7	22nd	261·8	252·2	9th	267·5	267·7	- 3·0	9	..
341	Warsaw	52 13	21 3	88·3	1002·7	1013·8	- 1·3	277·4	287·5	22nd	268·8	262·1	5th	273·1	272·3	- 1·0	10	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	999·6	1010·0	- 3·1	270·9	282·0	22nd	262·8	254·7	1st,4th	266·8	267·0	- 2·8	..	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	1003·8	1014·2	- 6·3	271·6	279·4	24th,26th	263·8	251·6	11th	267·7	267·6	+ 0·8	14	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Aksolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	82 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§ Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

MARCH - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
431	Victoria, B.C.	48 24	123 19	70·1	1009·1	1017·7	+ 2·0	283·2	286·9	2nd,21st	277·7	274·1	4th,28th	280·4	280·3	+ 1·0	61	- 1
432	Portland, Oregon	45 32	122 41	46·6	1014·9	1020·3	+ 3·2	286·3	291·3	2nd	278·4	273·6	5th	282·3	282·1	+ 1·4	206	+84
433	∮Macleod	49 44	113 24	953	..	..	..	278·7	290·2	22nd	267·3	250·8	11th	273·0	273·0	+ 2·1	32	+11
434	Helena	46 34	112 4	1257	874·3	1019·3	+ 2·7	280·7	291·3	15th	269·5	252·4	27th	275·1	274·8	+ 2·2	8	-12
434a	Salt Lake City	40 46	111 54	1329	869·6	1019·6	+ 3·2	283·2	294·1	21st	273·2	265·8	27th	278·2	278·3	0·0	29	-23
435	Cheyenne	41 8	104 48	1856	811·4	1018·9	+ 2·2	277·4	286·3	16th	266·1	250·8	27th	271·8	272·5	- 1·7	29	+ 6
435a	North Platte	41 8	100 45	860	917·4	1018·9	+ 1·5	280·8	293·6	16th	268·1	255·2	26th	274·4	274·5	- 0·8	46	+25
436	Bismarck	46 47	100 48	510	958·7	1021·3	+ 2·9	275·3	283·0	21st	265·3	251·3	26th	270·3	270·3	+ 1·8	32	+ 6
436a	Winnipeg	49 53	97 7	232	994·8	1024·8	..	270·8	278·6	31st	261·9	250·2	15th	266·3	266·0	+ 2·7	23	- 6
437	Duluth	46 47	92 6	345	978·3	1021·3	+ 3·4	274·3	280·2	31st	266·7	260·8	1st	270·5	270·2	+ 1·9	47	+ 7
438	Fort Arthur	48 27	89 12	196	996·8	1021·8	+ 4·5	273·3	277·4	23rd,31st	265·3	257·4	11th	269·3	269·3	+ 3·4	8	-14
439	Chicago	41 47	87 35	205	991·2	1016·6	- 0·3	276·7	284·7	23rd	272·4	266·9	10th	274·6	274·4	- 1·0	85	+19
440	Toronto	43 40	79 24	116	1000·9	1015·5	- 2·1	276·8	281·9	23rd,24th	270·8	265·8	10th	273·8	273·5	+ 2·1	71	+10
441	∮New York (Central Park)	40 47	73 58	47·4	1006·6	1012·5	- 3·9	280·8	287·4	27th	274·4	271·3	3rd	277·6	277·3	+ 0·8	123	+27
442	St. John, N.B.	45 17	66 4	36·3	1008·6	1013·2	..	276·7	284·7	23rd	270·8	266·3	17th	273·7	273·3	+ 2·7	76	-39
442a	S.W.Point, Anticosti	49 24	63 33	9·1	1015·2	1016·4	..	274·1	277·4	23rd,27th	267·3	261·3	7th	270·7	271·4	+ 3·8	18	-28
442b	Sable Island (Main Station)	43 57	60 6	7·6	1009·8	1010·8	..	276·8	281·3	30th	272·8	269·1	17th	274·8	274·9	+ 1·8	53	-60
435	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Madrid																	
437	Nantes	40 24	3 41	667	934·2	1011·8	- 5·2	288·8	295·5	29th	279·3	275·7	22nd	284·1	283·2	+ 2·5	77	+41
438	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1006·0	1010·5	- 4·4	284·2	291·2	19th	271·0	267·8	11th	280·6	280·3	+ 0·1	65	+ 2
438a	Marseille	48 49	E. 2 30	50·3	1006·9	1013·1	- 1·9	283·4	292·8	20th	274·2	267·4	10th	278·8	278·7	- 0·6	33	- 5
439	Zürich	43 18	5 23	75	..	1010·1	- 3·4	288·6	294·0	29th	279·7	270·8	12th	284·2	283·7	+ 0·7	48	+ 1
440	Rome	47 23	8 33	493	954·5	1014·5	- 1·3	281·2	289·2	24th,28th	269·8	265·0	3rd	275·5	274·5	- 2·7	129	+54
440a	Vienna	41 54	12 29	45·5	1004·7	1010·0	- 3·2	288·9	291·9	23rd	281·0	273·0	3rd	284·9	284·7	+ 1·4	83	+10
441	Budapest	48 15	16 22	203	990·2	1015·4	+ 0·6	277·9	289·8	22nd	271·0	266·7	6th	274·4	274·3	- 2·8	37	-10
442	Sofia	47 31	19 1	130	998·9	1015·2	+ 0·1	279·8	291·2	24th	271·5	266·8	6th	275·7	275·0	- 3·6	53	+ 7
442a	Bucharest	42 42	23 20	550	948·6	1014·7	- 3·1	282·9	292·8	8th,14th	272·9	261·4	6th	277·9	277·4	- 0·7	58	+16
443	Odessa (Observatory)	44 25	26 6	82	1004·1	1014·3	- 1·7	281·7	289·8	9th	272·6	265·6	4th	277·1	276·6	- 1·4	69	+27
443a	Novorossiisk	46 26	30 46	42·8	..	..	..	277·0	..	..	271·2	..	..	274·1	..	- 1·1	..	..
444	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Astrakhan	47 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445a	Krasnovodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
446	Kasalinsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447a	Andijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Alma Ata	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448a	Moulden	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
449	Soshin																	
449a	Kiel	41 46	123 24	44·3	1013·7	1019·3	- 1·8	280·5	290·2	29th	267·5	258·1	1st	274·0	273·8	+ 1·8	5	-14
450	Vladivostok	40 40	129 12	31·9	1013·5	1017·5	- 0·8	279·2	291·0	29th	270·0	260·0	1st	274·6	274·5	+ 0·9	5	-16
450a	Obdial	42 20	130 24	63·8	1009·0	1017·1	- 1·2	277·5	286·0	30th	268·8	261·2	1st	273·1	273·1	+ 1·5	4	-19
451	Semiro	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451a	Syuna	47 20	142 47	27·4	1007·4	1010·9	- 1·8	271·8	278·0	17th	261·7	250·2	1st	266·7	267·1	+ 1·7	50	+19
		43 20	145 35	26·7	1007·8	1011·2	- 2·3	274·3	280·9	30th	267·5	256·8	2nd	270·9	271·1	+ 0·6	145	+90
		45 14 N.	147 53 E.	39·3	1005·2	1010·2	- 2·4	273·0	281·7	24th	264·8	254·5	6th	268·9	269·2	+ 0·8	80	+18

BETWEEN LATITUDE 40° N. AND 30° N.

MARCH - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
452	San Francisco	37 48	122 26	47·2	1014·5	1020·3	+ 2·1	292·2	297·4	2nd	283·8	281·9	29th	288·0	287·1	+ 3·4	43	-37
452a	Sacramento	38 35	121 30	21·0	1017·3	1019·6	+ 2·6	293·4	299·1	31st	281·1	276·3	7th	287·3	287·5	+ 1·9	29	-42
453	San Diego	32 43	117 10	26·5	1013·5	1016·6	- 0·2	294·6	305·2	21st	284·7	280·2	7th	289·6	289·2	+ 3·0	2	-36
453a	Modena	37 48	113 54	1668	834·4	1016·9	+ 2·3	285·5	295·2	21st	268·2	260·8	27th	276·8	277·2	+ 0·8	15	-16
454	Santa Fé	35 41	105 57	2138	785·3	1015·6	+ 0·7	281·8	292·4	22nd	268·9	258·6	27th	275·3	275·9	- 1·8	30	+10
454a	Denver	39 45	105 0	1613	836·8	1018·3	+ 2·5	281·6	293·0	22nd	269·6	254·1	27th	275·6	276·0	- 1·2	25	+ 1
455	Abilene	32 23	99 40	530	954·9	1016·9	+ 0·8	290·1	299·7	22nd	275·8	265·8	27th	282·9	282·4	- 3·3	28	- 1
455a	Saint Louis	38 38	90 12	173	994·6	1015·6	- 1·8	281·6	293·0	13th	273·9	269·7	8th	277·8	277·4	- 2·0	61	-28
456	Mobile	30 41	88 2	17·4	1013·5	1015·6	- 2·7	290·3	296·3	19th	281·2	275·8	4th	285·8	285·6	- 2·6	161	- 3
456a	Nashville	36 10	86 47	166	995·6	1015·9	- 2·7	284·2	292·4	13th	275·4	270·2	5th	279·8	280·0	- 2·9	89	-41
457	Charleston	32 47	79 56	14·6	1012·2	1013·9	- 4·6	289·3	296·9	15th	280·9	274·7	5th	285·1	285·2	- 2·1	73	-13
457a	Washington	38 54	77 3	34·1	1009·5	1013·9	- 4·0	281·6	288·6	25th	274·7	269·7	11th	278·2	278·2	- 0·9	89	- 8
458	Bermuda	32 17	64 46	38·1	1007·3	1011·8	..	293·1	295·8	31st	286·5	283·6	13th	289·8	289·6	- 0·6	134	+13
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

MARCH - ZONE 5.

RÉSEAU MONDIAL

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 8	40	997·3	1002·7	-16·5	290·0	292·3	6th	285·3	281·3	19th	287·7	287·7	+ 0·7	242	+88
531	Horta	38 32	28 38	65	995·4	1003·2	-17·8	290·7	292·7	22nd	284·7	279·9	18th	287·7	287·5	+ 0·1	219	+53
532	Ponta Delgada	37 44	25 40	22	1002·5	1005·1	-15·5	289·7	291·4	7th	285·5	281·0	19th,20th	287·6	288·0	+ 0·9	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	191	+25
533	Madeira (Funchal)	32 38	16 55	25	1010·4	1013·4	- 5·5	292·5	297·3	3rd	286·9	284·0	14th	289·7	289·9	+ ..	170	+42
535	Lisbon	38 43	9 9	95	999·7	1011·0	- 5·0	289·2	294·6	27th	284·5	281·9	24th	286·9	286·8	+ 1·3	107	-16
536	Gibraltar	36 6	5 21	27·4	..	1013·3	- 3·9	292·0	296·3	31st	285·0	282·4	22nd,23rd	288·5	287·6	+ 1·3	206	+88
536a	Colomb-Béchar	31 37	W. 2 13	769	929·2	1016·4	+ 1·9	..	..	..	282·8	276·6	3rd	..	289·9	..	18	-12
537	Palma	39 34	E. 2 39	23	1008·2	1010·9	- 4·7	..	..	..	..	..	..	..	‡287·2	+ 1·2	30	..
538	Algiers	36 46	3 13	59	1005·7	1012·7	- 3·5	293·1	298·4	19th	286·1	283·6	28th	289·6	289·1	+ 2·4	65	+30
538a	Gadames	30 18	9 30	351	..	..	..	303·7	311·4	12th	282·8	272·0	1st	293·3	..	+ 3·1	0	-10
539	Tunis	36 48	10 10	66	1004·9	1012·8	- 3·0	292·9	298·0	6th	283·2	278·5	3rd	288·1	287·4	+ 1·9	26	-10
540	Malta	35 54	14 31	71·2	..	1013·3	- 0·5	291·3	299·1	15th	285·3	281·3	27th,28th	288·3	287·5	+ 1·4	10	-20
541	Athens	37 58	23 43	107	1000·6	1013·5	- 0·8	289·8	298·0	12th	281·4	272·3	28th	285·6	285·4	+ 1·0	29	-11
542	ǂAlexandria	31 12	29 53	32·0	1013·3	1017·1	+ 1·7	296·8	309·3	15th,16th	285·3	281·5	6th	291·1	290·2	+ 1·1	1	-12
543	Ankara	39 58	32 48	861	914·2	1014·7	- 1·5	284·8	296·6	16th	273·4	263·5	20th	279·1	279·3	..	49	+11
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1015·1	+ 0·6	291·8	299·7	15th	280·1	273·0	5th	285·9	..	+ 0·2	41	+11
544	ǂBeirut	33 54	35 28	33·7	..	1015·5	+ 0·6	292·9	301·4	17th	286·1	279·2	4th	289·5	289·3	+ 1·0	72	+36
545	Hinaidi	33 17	44 29	32·9	1011·5	1015·5	+ 1·4	296·9	307·2	17th	282·4	274·1	6th	289·7	289·3	+ 0·4	4	-20
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	871·8	1007·0	..	290·5	297·3	17th	278·2	270·9	6th	284·3	284·5	+ 1·7	15	-10
548	Meshed	36 17	59 36	946	..	..	..	288·2	298·1	19th	..	..	..	..	..	..	66	+29
549	Seistan	31 20	61 30	?610	959·8	..	..	296·3	307·4	21st	281·3	274·3	4th	288·8	..	+ 0·1	11	-10
550	Quetta	30 10	67 1	1647	837·3	..	+ 1·1	291·0	299·7	23rd,24th	276·0	270·8	4th,5th	283·5	?283·7	- 0·1	48	+22
551	Peshawar	34 1	71 35	355	974·7	1016·3	+ 0·9	298·8	306·9	31st	283·4	276·9	9th	291·1	290·7	+ 0·7	22	+10
551a	Lahore	31 35	74 20	214	989·1	1014·2	+ 1·5	300·8	310·2	25,26,27	284·5	279·1	4 days	292·7	292·4	- 1·2	25	+13
552	Simla	31 6	77 10	2202	782·3	..	+ 1·3	286·7	294·7	27th	279·6	270·2	4th	283·1	283·3	0·0	57	+36
552a	Leh	34 9	77 34	3503	667·5	..	+ 2·7	279·4	288·0	26th	266·9	260·8	7th	273·2	272·5	- 0·1	6	-10
558	Sian	34 31	109 5	365	971·4	1014·2	..	293·2	305·0	20th	278·9	274·0	6th,7th	286·0	287·6	..	4	-10
559	Hankow	30 35	114 17	39·1	1016·0	1020·8	- 0·8	290·0	302·3	25th	281·6	274·0	2nd	285·8	285·5	+ 2·1	70	+34
560	Tientsin	39 9	117 9	6·4	1019·0	1019·7	- 2·4	286·9	295·0	29th	272·6	263·7	1st	279·7	279·2	+ 1·4	9	-10
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1019·5	1020·3	- 0·9	288·0	302·1	25th	277·7	271·9	1st	282·9	282·3	+ 1·5	39	+10
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1011·1	1019·9	- 0·7	281·8	292·1	15th	273·0	263·7	1st	277·4	277·0	+ 1·2	82	+36
562a	Nagasaki	32 44	129 52	133	1002·4	1018·5	- 0·4	288·3	294·7	22nd	278·9	272·7	2nd	283·6	283·3	+ 1·2	67	+21
563	Kyoto	35 1	135 44	42·9	1013·3	1018·6	+ 0·8	287·3	296·8	23rd	273·5	267·8	3rd	280·4	279·7	+ 0·5	83	+37
564	Tokyo	35 41	139 46	5·8	1015·1	1015·8	- 0·6	286·6	292·9	7th	275·8	271·0	2nd	281·2	280·9	+ 1·0	40	+10
565	Hukusima	37 45	140 28	68·5	1007·6	1016·1	- 0·4	284·7	295·8	23rd	271·7	267·1	16th	278·2	277·7	+ 0·8	42	+12
566	Miyako	39 38	141 59	30·4	1009·9	1013·7	- 1·9	283·6	295·2	23rd	271·3	265·7	2nd	277·5	276·9	+ 1·3		

MARCH - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
601	Midway Island	28 13	177 22	5·8	1015·6	1016·2	..	..	..	..	..	..	..	..	..	..	98	..
605	Honolulu	21 19	157 52	11·6	1016·6	1017·9	+ 0·7	298·2	299·7	29th	286·9	282·4	20th	..	..	..	24	..
											292·7	290·2	1st	295·4	295·3	+ 0·6		
613	ǂGuaymas	27 55	110 53	8·3	1013·2	1014·2	- 0·4	301·0	305·0	22nd	289·0	285·2	4th	295·0	294·9	+ 1·1	0	..
614	La Paz, Mexico	24 10	110 19	12	1010·9	1012·3	..	298·7	302·7	23rd	290·8	287·2	11th	294·7	294·3	..	0	..
615	Leon	21 7	101 41	1809	819·6	1009·7	- 1·6	298·4	302·0	21st	281·5	274·3	9th	289·9	289·5	- 1·7	0	..
616	ǂMonterry	25 40	100 18	528	954·6	1015·3	+ 1·7	295·8	304·5	30th	283·8	278·9	8th	289·8	289·5	- 2·5	8	..
617	Tulancingo	20 5	98 22	2181	788·8	..	- 0·4	296·8	302·0	26th	279·4	272·4	10th	288·1	288·8	- 1·2	51	..
618	Galveston	29 18	94 50	16·5	1015·9	1017·9	+ 0·7	289·7	295·2	20th	282·9	274·7	28th	286·3	286·6	- 3·5	123	..
618a	New Orleans	29 57	90 4	16·2	1014·2	1016·2	- 1·0	291·4	298·0	14th	282·9	277·4	8th	287·2	287·0	- 2·9	..	..
619	Merida, Yucatan	20 58	89 38	22	1012·4	1015·0	- 0·2	301·0	308·4	27th	291·7	287·4	5th	296·3	295·5	- 2·4	27	..
620	Havana	23 7	82 25	77·0	1006·0	1015·0	- 2·3	297·9	304·0	27th	290·4	286·8	5th	294·1	293·9	..	33	..
ǂ 620a	Key West	24 33	81 48	6·7	1014·9	1015·6	- 2·2	295·8	300·8	1st	289·6	284·7	11th	292·7	292·5	- 3·0	113	..
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·4	- 1·8	298·7	300·8	1,29,31	289·9	285·2	11th	294·3	294·1	- 1·5	77	..
622	San Salvador (Watling Island)	24 6	74 26	33·5	1012·3	1016·2	- 2·4	..	301·3	8th	..	291·9	9th,10th	..	295·9	- 1·2	..	..
633	Port Etienne	20 56	17 3	4	1013·7	..	..	300·4	309·4	2nd	285·9	284·2	17th	293·1	290·5	..	0	..
634m	Izaña	28 19	16 30	2367	765·6	..	- 0·7	283·8	290·3	27th	276·0	271·4	11th	279·9	279·4	+ 2·2	24	..
634	La Laguna	28 28	16 20	547	950·1	1013·6	- 4·4	292·9	298·0	4th	281·7	277·4	2nd	287·3	286·6	+ 1·1	32	..
636	Adrar	27 52	W. 0 17	?285	982·3	1014·7	..	304·9	312·1	11th	286·8	281·4	1st	295·9	297·0	..	0	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	863·7	1007·1	..	301·4	306·0	24th	284·8	278·0	1st	293·1	294·3	+ 2·3	..	..
639	Sebha	27 1	14 27	424	..	..	..	?303·1	?309·8	13th	?287·4	?281·6	3rd	?295·3	..	..	0	..
640	Hon	29 8	15 56	263	..	..	..	303·4	312·7	14th	281·4	271·2	1st	292·4	..	..	2	..
641	Ghirabub	29 44	24 30	12	..	..	..	300·7	309·4	16th	283·8	278·6	22nd	292·3	..	..	0	..
642	Siwa	29 12	25 29	-23	1018·8	1016·1	- 0·6	..	..	..	282·0	276·0	5th	..	290·0	..	0	..
643	Cairo (Helwan)	29 52	31 20	116	1002·7	1016·3	+ 0·9	299·4	309·7	15th	285·3	277·9	1st	292·3	292·2	+ 2·1	..	..
643a	Aswan	24 2	32 53	100	1002·7	1014·3	+ 0·6	305·3	314·9	18th	287·6	281·6	6th	296·5	295·5	+ 1·4	0	..
644	Tor	28 14	33 37	1·9	1014·4	1014·6	+ 1·0	299·0	307·3	16th	285·3	279·5	6th	292·1	292·2	+ 1·1	..	..
		N.	E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
ǂSee Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

MARCH - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	1015·2	1015·9	..	295·8	305·2	27th,29th	288·9	284·1	9th	292·3	291·7	+ 0·7	0	-24
648	Jask	25 45	57 45	4·0	1012·9	1013·5	..	300·1	305·6	31st	292·4	287·4	5th	296·3	295·7	+ 0·5	37	+17
649	Karachi	24 48	66 59	4·0	1014·1	1014·5	+ 1·3	299·8	304·7	10th	292·4	286·9	6th	296·1	295·5	- 0·4	5	- 3
650	Jacobabad	28 17	68 29	56·7	1007·5	1014·0	+ 1·7	305·3	313·0	31st	288·3	279·7	4th	296·8	296·3	- 0·2	2	- 4
651	Jaipur	26 55	75 50	436	965·5	1015·1	+ 2·0	304·9	312·4	26,27,28	288·0	279·7	6th	296·4	296·5	- 0·3	4	- 6
652	Nagpur	21 9	79 7	310	978·5	1013·4	+ 1·3	309·0	313·6	29th	292·3	285·8	12th	300·7	300·3	- 0·3	55	+42
653	Allahabad	25 26	81 50	94·2	1002·3	1013·2	+ 1·5	306·4	314·1	30th	289·0	283·0	13th	297·7	297·3	- 0·2	0	- 8
653a	Darjiling	27 3	88 16	2265	776·6	..	+ 1·1	287·0	291·9	5 days	279·5	275·2	8th	283·3	283·5	+ 0·8	13	-34
654	Calcutta	22 32	88 20	6·4	1012·3	1013·0	+ 1·4	306·2	310·2	28th	294·4	289·7	12th	300·3	299·9	+ 0·6	33	- 3
655	Gauhati	26 11	91 45	59·7	1007·0	1013·9	+ 1·0	303·8	309·7	26th	288·6	284·1	8th,13th	296·2	295·3	+ 0·8	60	+ 2
655a	Cherrapunji	25 15	91 44	1313	870·5	..	+ 1·1	294·2	298·6	29th	286·1	280·8	7th	290·1	289·4	+ 1·0	33	-205
656	Akyab	20 8	92 55	8·8	1012·4	1013·4	+ 1·0	304·6	307·4	12th	292·2	289·1	15th	298·4	298·5	- 0·4	6	- 7
656a	Mandalay	21 59	96 6	76·2	1003·7	1012·5	+ 0·7	309·9	313·0	30th	293·0	289·7	1,8,9	301·5	301·1	+ 0·2	3	- 2
657	Tengyueh	25 0	98 40	1634	836·4	1012·8	..	293·9	298·0	23,25,31	278·3	274·7	8,9,14	286·1	285·7	0·0	..	..
658	Monchy	20 48	106 38	116	..	1014·0	- 0·4	295·5	301·1	23rd	291·1	288·1	8th,10th	293·3	292·9	+ 0·9	63	+18
660	Hongkong	21 31	107 58	9·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Amoy	22 18	114 10	33·2	..	1015·9	- 0·1	292·8	299·5	26th	288·8	285·9	2nd,11th	290·8	290·6	+ 0·3	81	+ 6
662	Taihoku, Formosa	24 26	118 4	4·9	1018·4	1019·0	- 0·4	291·2	297·4	26th	287·0	284·1	7,8,10	289·1	288·9	+ 0·6	75	-14
663	Basco	25 2	121 31	9·3	1016·7	1017·8	+ 0·1	294·7	302·8	26th	287·3	283·7	1st	291·0	290·3	+ 0·3	135	-38
664	Naha	20 28	121 59	18·7	..	1013·7	+ 0·1	300·5	303·2	30th	295·0	292·3	13th	297·7	297·4	+ 0·5	104	- 9
665	Fitizima (Bonin Islands)	26 12	127 39	29·5	1013·9	1017·4	0·0	293·9	298·0	26th	288·5	285·0	2nd	291·2	291·2	+ 0·3	179	+24
		27 5	142 11	4·3	1016·7	1017·2	+ 0·2	294·6	297·7	7th	289·1	285·6	22nd	291·9	291·8	+ 0·5	235	+125
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MARCH - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
716	ǂColima	19 12	103 45	498	957·4	1013·5	+ 0·9	304·7	308·0	28th	287·7	284·2	1st	296·2	294·9	- 1·1	0	0
716	ǂPuerlia	19 42	101 7	1923	808·8	1008·8	- 0·5	296·7	299·8	28th	283·1	278·3	1st	289·9	290·1	- 0·2	0	- 8
717	ǂMexico, Tacubeya	19 24	99 12	2309	773·7	..	- 0·6	298·6	301·6	28th	279·7	276·1	12th	289·1	288·5	+ 0·2	1	- 8
718	Salina Cruz	16 12	95 12	56	1005·3	1011·8	- 0·6	301·1	305·5	15th	293·4	289·4	3rd	297·3	297·4	- 1·9	0	- 9
720	San Salvador	13 42	89 13	682	936·0	1011·3	- 1·1	308·7	312·6	28th	290·2	286·4	4th	299·5	296·9	+ 0·2	0	-13
721	Belize	17 31	88 11	5·2	1016·4	1017·0	+ 2·0	299·7	303·0	22nd	292·6	286·1	10th	296·2	295·6	- 2·8	34	+ 2
722	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·9	- 0·9	302·3	304·9	28th	294·2	290·6	21st	298·3	298·0	+ 0·5	39	-32
723	Port au Prince	18 33	72 20	37·4	1009·6	1013·9	- 1·7	304·3	307·2	31st	295·4	293·2	14th	299·8	299·3	+ 0·9	31	-63
724	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
724a	San Juan, Porto Rico	18 29	66 7	25·0	1011·8	1014·9	- 1·7	302·1	305·8	18th	295·3	293·6	9th	298·7	298·6	+ 1·7	65	-15
725	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·3	+ 0·8	304·1	305·8	11th	296·7	295·2	6th,7th	300·4	299·9	+ 2·0	19	-49
726	Barbados	13 8	59 36	57·9	..	1014·4	- 0·3	303·6	304·7	27th	294·7	293·0	2nd	299·2	298·9	+ 1·1	25	-23
727	São Vicente, C.Verde Is.	16 54	25 4	11	1014·2	1015·5	+ 0·9	297·3	298·5	2,10,27	293·5	292·5	2nd	295·4	295·4	+ 1·0	0	- 1
728	San Tiago, C.Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ǂ 729	Bathurst (Cape St. Mary)	14 40	17 26	32	1008·1	1011·8	..	301·6	308·5	3rd	291·0	289·6	1st	296·3	296·6	+ 1·0	0	0
730	Bléndébalé	13 29	16 40	15·9	..	..	..	300·9	310·8	4th	291·4	289·1	15th	296·2	295·8	- 1·1	0	0
731	Kabern	12 57	7 26	300	..	..	..	313·8	315·0	sev.dates	293·1	288·0	sev.dates	303·5	302·9	..	0	..
732	Bokoto	16 45	W. 3 1	273	..	..	..	309·9	313·0	12th	292·5	289·0	17th,18th	301·2	301·0	..	0	..
733	Kamina Capital	13 2	E. 5 14	354	..	..	..	313·3	315·8	11,19,27	295·2	291·9	8th,9th	304·3	304·1	+ 0·8	0	- 3
734	Bilma	10 32	7 25	**597	945·1	1014·8	..	309·4	311·9	10th	..	..	..	..	..	+ 1·0	3	-11
735	Maiduguri	18 41	12 55	356	..	..	..	..	..	..	283·3	278·0	6th	..	300·7	..	0	..
736	El Fasher	11 47	13 11	361	..	..	..	313·4	319·1	29th	..	..	..	..	296·6	..	0	..
737	El Obeid	13 32	25 18	730	927·8	1008·2	..	310·8	315·0	18th,29th	284·0	277·5	23rd	297·4	296·0	- 0·7	0	- 1
738	Khartoum	13 11	30 14	563	946·6	1008·8	+ 0·6	310·4	314·7	29th	287·8	282·5	4th	299·1	298·4	+ 0·8	0	- 2
739	Fort Sudan	15 37	32 33	390	966·0	1009·1	+ 0·6	309·8	316·4	17th	292·3	287·9	4th,6th	301·1	301·4	+ 1·0	0	0
740	Berbera, Somaliland	19 37	37 13	5·5	1012·2	1012·8	+ 0·8	302·6	306·1	18th	292·8	288·7	6th	297·7	297·8	+ 1·0	0	- 1
741	Aden	10 26	45 2	13·8	1010·8	1012·4	0·0	303·2	304·7	8th,9th	297·7	294·1	18th,19th	300·4	300·1	+ 1·1	3	-13
		12 49	45 2	29·9	1010·8	1014·3	+ 1·3	303·8	305·2	16,23,27	297·8	295·8	26th	300·8	300·1	+ 1·4	0	-12
742	Bombay	18 54	72 49	11·3	1012·3	1013·5	+ 0·7	302·9	305·8	2nd	294·9	291·3	6th	298·9	298·7	- 0·5	0	- 2
743	Kodaikanal	10 14	77 28	2343	773·6	..	+ 1·4	293·7	295·2	23rd,31st	283·2	281·9	2nd	288·5	288·8	+ 2·4	0	-52
744	Bangalore	12 58	77 35	921	912·7	1012·0	+ 1·1	306·9	308·6	27,29,30	292·5	289·7	1st	299·7	299·2	+ 1·4	3	-10
745	Madras	13 4	80 15	6·7	1012·6	1013·3	+ 0·8	305·0	306·9	25th	295·6	293·6	1st	300·3	299·4	+ 0·1	0	- 5
746	Vizagapatam	17 42	83 18	38·4	1009·1	1013·5	+ 1·1	303·1	304·7	2,23,24	296·4	293·6	1st	299·7	298·8	- 1·1	3	- 5
747	Port Blair	11 40	92 43	18·0	1010·6	1012·6	+ 0·4	305·1	306·9	23rd	297·4	295·8	8,16,18	301·3	300·4	0·0	0	-19
748	Rangoon	16 46	96 11	5·5	1012·4	1013·0	+ 0·7	308·6	310·8	3,8,20	294·4	291·9	16th	301·5	300·0	- 0·2	0	- 8
749	Cap St. Jacques	10 20	107 5	180	..	1012·7	..	302·8	306·0	23rd	297·9	296·1	7th	300·4	300·0	+ 0·9	0	- 4
750	Phutmng	12 15	109 12	3·6	..	1012·4	..	303·7	304·9	16th,25th	295·8	293·9	9th	299·8	299·3	+ 0·9	18	-34
751	Bolinao	16 23	119 53	2	..	1012·0	+ 1·4	305·8	308·0	8,14,30	296·5	?293·9	3rd	301·1	300·8	+ 0·7	0	-13
752	Vigan	17 34	120 23	12·2	..	1011·6	+ 0·4	304·7	306·1	29th	296·3	294·0	11th	300·5	300·0	0·0	0	- 8
753	Manila	14 35	120 59	14·2	..	1012·0	+ 0·7	307·0	308·3	6th	295·8	293·9	2,4,6	301·4	300·8	+ 1·3	2	-16
754	Ormoc	11 0	124 36	5·6	..	1010·8	+ 0·9	305·2	306·9	25th	294·0	291·4	23rd	299·6	299·5	+ 0·5	43	-56
755	Guam, Ladrone Is.	13 24	144 38	18·6	..	1011·7	+ 1·8	303·5	304·9	24th	296·8	295·8	2nd,22nd	300·1	300·3	+ 0·5	26	-56
756	Saipan	15 14	145 46	207	990·4	1010·7	..	300·2	301·4	13th,25th	295·2	293·8	3rd	297·7	297·4	..	57	..
		N.	E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.
**Table of Authorities, Remarks, pages 105-15. Height changed from ?637m. to 597m. from March 1st.

RÉSEAU MONDIAL

MARCH - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·0	1010·6	- 0·1	303·9	305·8	21st	297·7	295·8	6th	300·8	300·4	+ 0·1	142	-135
821	∮Cristobal	9 23	79 54	11·0	..	1011·3	- 0·7	303·3	304·1	29th	299·1	296·9	9th	301·2	300·6	+ 1·2	114	-80
822	Bogota	4 36	74 5	2645	746·8	..	+ 1·0	292·8	297·0	2nd	283·2	279·6	2nd	288·0	287·9	+ 0·2	18	-77
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanaviejа	7 19	61 49	220	985·4	1010·0	- 1·0	..	..	..	..	..	..	‡296·3	‡296·3	+ 0·9	30	-26
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·9	+ 0·1	303·3	304·1	21,22,27	297·9	295·2	3rd	300·6	300·3	+ 1·2	38	-27
826	Paramaribo	5 49	55 9	3·7	1012·3	1012·7	- 0·2	305·2	306·6	17th,18th	295·3	293·6	13th,24th	300·3	300·4	+ 1·7	149	-76
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1004·4	1010·7	+ 1·0	304·7	306·9	3rd	296·3	292·3	31st	300·5	299·8	..	46	-49
835	∮Assuantsi	5 18	1 15	97·3	998·5	1009·6	..	304·7	306·3	16th	294·9	293·0	1st	299·8	299·2	+ 0·1	136	+88
836	∮Accra	5 33	W. 0 12	17·7	1007·7	1009·8	+ 0·2	305·1	310·8	2nd	298·8	294·7	21st	301·9	301·5	+ 1·2	88	-50
837	∮Lagos	6 27	E. 3 24	3·0	..	..	..	305·7	308·6	11th	299·0	294·7	31st	302·4	301·8	+ 0·8	150	-50
838	∮Victoria, Nigeria	4 1	9 12	15·5	1008·8	1010·5	..	305·1	308·0	14th,15th	295·6	294·1	10,17,27	300·3	299·7	..	46	-104
839	Iola	9 12	12 30	259	..	..	..	313·7	315·2	21,22,23	298·2	294·7	8th	305·9	305·6	+ 1·3	0	-139
841	Wau	7 42	28 3	440	958·6	1006·6	- 0·2	312·2	316·0	10th	295·3	291·5	10th	303·7	302·8	+ 1·5	11	-115
843	Malakal (Kodok)	9 35	31 37	394	964·2	1007·3	+ 0·7	313·0	315·0	10th,31st	295·3	290·0	4th	304·1	303·1	+ 0·8	1	-88
843a	Juba	4 53	31 35	475	955·6	1007·8	..	311·8	315·0	12th	..	..	..	..	301·4	..	29	..
844	Entebbe	0 5	32 29	1171	..	..	..	299·8	301·9	12th	291·6	289·1	21st	295·7	..	+ 0·5	123	-107
844a	Kampala (Kololo Hill)	0 20	32 36	1310	..	..	..	..	..	..	..	..	..	..	..	..	..	..
845	Sheikh	9 55	45 15	1463	..	..	..	298·6	301·3	30th	286·0	281·9	17th	292·3	291·6	..	30	-30
851	Minicoy	8 18	73 0	2·7	1012·9	1013·2	+ 1·0	304·8	305·8	26th	298·4	295·8	2nd	301·6	300·7	..	0	-59
851a	Cochin	9 58	76 14	2·7	1012·9	1013·4	+ 1·2	304·3	305·2	3,20,26	299·2	295·8	8th	301·7	300·8	- 0·3	59	-47
852	∮Colombo Observatory	6 54	79 52	7·3	..	1011·5	+ 1·5	304·9	306·1	27th	296·9	295·2	10th	300·9	300·0	+ 0·2	47	-79
853	∮Nuwara Eliya	6 58	80 46	1881	815·6	1014·8	+ 2·1	295·4	296·7	20th,27th	280·5	276·4	1st	287·9	286·8	0·0	79	-17
854	∮Trincomalee	8 35	81 15	30·2	..	1011·5	+ 1·5	302·8	304·3	31st	298·3	296·3	29th	300·6	299·7	- 0·7	17	-86
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	186	..
856	Medan	3 35	98 41	25·0	..	1010·9	+ 0·7	305·2	307·2	14th	296·1	295·1	10th	300·7	300·1	+ 1·3	42	-37
857	Butterworth	5 25	100 22	2·1	..	1009·5	..	305·9	308·0	27th	297·1	295·2	11th	301·5	301·3	..	132	+74
858	Singapore (Mt.Faber)	1 16	103 49	90·5	..	1010·2	+ 0·5	305·2	307·4	28th,30th	296·7	295·8	sev.dates	300·9	299·7	+ 0·3	112	-47
859	Sandakan	5 50	118 7	31·7	..	..	..	303·9	304·7	sev.dates	297·1	295·8	6th	300·5	300·9	+ 0·7	23	-73
860	Iwahig	9 44	118 38	14·3	..	1009·8	+ 0·3	305·5	306·7	23rd	294·8	291·1	6th	300·1	300·1	..	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1010·9	+ 0·9	305·6	308·0	2nd,30th	295·6	293·3	4th	300·6	299·9	+ 0·7	11	-108
861a	Menado	1 30	124 50	8·5	..	..	..	303·5	305·7	30th	295·6	293·5	15th	299·5	299·3	+ 0·6	108	-23
862	Surigao	9 48	125 29	6·0	..	1011·9	+ 1·5	303·6	305·5	26th	296·0	293·2	24th	299·8	299·4	+ 0·5	23	-25
863	Kolonie, Yap	9 29	138 8	29·3	..	1011·8	+ 2·2	302·3	303·1	31st	298·0	296·7	16th	300·1	299·6	- 0·2	100	..
864	Palau	7 20	134 29	31·8	1007·7	1011·3	+ 1·4	302·9	304·4	6th	297·0	295·2	1st	299·9	299·8	0·0	..	..
867	Ponape	6 58 N.	158 13 E.	38·9	1006·3	1010·7	..	302·4	303·6	31st	297·6	295·0	28th	300·0	300·1	..	84	-84

MARCH - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1010·0	..	303·2	305·4	18th	298·7	296·9	8th	300·9	300·5	..	308	..
920	Lambayeque	6 46	80 55	15	1008·4	1010·1	..	306·0	307·2	28th	296·0	294·2	9th	301·0	299·8	..	15	..
921	Quito	0 14	78 30	2816	728·6	..	+ 1·0	294·5	298·0	15th	282·3	279·4	2nd	288·4	286·8	+ 1·0	175	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S.Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobia	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	304·4	305·2	4,13,24	297·3	295·7	18th	300·9	299·9	+ 0·1	2	..
939	Loanda	8 49	E. 13 13	59·3	..	1010·7	+ 0·5	303·4	304·8	31st	297·8	295·0	26th	300·6	300·2	+ 1·1	7	-108
940	Brazzaville	4 17	15 16	320	..	..	..	304·0	307·0	23rd	294·6	292·5	17th	299·3	298·7	- 0·5	310	+110
942	Tshibinda	2 19	28 45	2115	..	..	..	294·6	297·0	..	284·0	282·5	..	289·5	289·8	..	231	..
943	Masaka	0 20	31 44	1280	..	..	..	300·8	302·4	10,23,31	292·2	290·8	28th	296·5	295·8	..	82	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·6	1013·1	..	297·1	300·0	3rd	287·1	284·8	13th	292·1	291·3	+ 0·9	152	-77
944a	Zanzibar (Town)	6 10	39 12	17·1	1011·1	1012·9	+ 0·6	304·5	306·3	6th	300·1	297·4	7th	302·3	301·7	..	41	-41
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	..	..	..	..	..	..	..	..	..	..	..	+ 0·3	..	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·0	1011·6	+ 1·0	302·5	303·6	31st	297·4	295·8	20th	299·9	299·4	..	392	..
957	∮Padang	0 56	100 22	6·7	..	1011·6	+ 1·1	303·8	305·4	9th	296·8	295·6	21st	300·3	299·7	+ 0·2	155	-101
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	+ 0·5	303·5	305·1	28th	297·1	295·8	12th	300·3	299·7	+ 0·7	300	+168
958a	∮Pontianak	0 1	109 20	2·6	..	1010·9	+ 0·8	305·6	307·7	17th	297·4	295·7	24th	301·5	300·5	+ 0·8	322	-11
959	Pasuruan	7 38	112 55	5·0	..	1009·8	+ 0·3	305·2	307·0	28th	297·4	296·2	16th	301·3	300·6	+ 1·2	613	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	..	..
962	Amboina	3 42	128 10	4·2	..	1009·7	+ 0·8	305·6	307·8	28th	298·8	297·2	7th	302·2	301·6	+ 1·8	111	-142
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	117	-117
965	Daru	9 4	143 13	7·6	..	1010·8	+ 1·2	303·2	..	..	..	..	..	..	..	+ 0·1	278	..
966	Port Moresby	9 29	147 9	38·4	..	1010·2	+ 0·9	..	..	..	297·2	..	..	300·2	299·8	..	85	..
967	Rabaul	4 9	152 12	12·5	1008·1	1009·6	+ 1·5	305·3	307·9	8th	298·0	..	..	..	..	..	..	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·8	?306·0	6th	296·6	294·9	2nd	300·9	300·3	+ 0·4	230	..
970	Ocean Island	0 52	169 35	42·6	1005·9	1010·9	+ 0·9	303·4	305·2	1,7,25	?298·0	?296·7	9th	?300·9	?300·6	+ 0·2	170	..
											298·3	296·3	11th	300·9	300·3	0·0	520	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

MARCH 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MARCH - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1010·6	1011·6	..	301·6	303·9	18th	296·5	293·7	15th	299·1	..	..	167	..
1003	Apia, Samoa	13 48	171 46	2·0	..	1009·9	+ 0·8	303·2	304·4	15th	297·2	295·7	7th	300·2	299·9	+ 0·3	261	-94
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1012·0	+ 1·0	302·2	304·1	3rd,28th	296·1	293·6	4th	299·2	289·9	- 0·6	223	-93
1021	Lima	12 5	77 3	111	998·4	1011·2	..	302·7	305·2	4th	292·7	291·0	17th	297·7	296·3	..	0	..
1022	∮Arica	18 28	70 20	5	..	..	..	297·1	299·0	21st	292·0	289·5	26th	294·5	294·6	+ 0·6	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·4	..	+ 0·3	291·5	294·9	29th	279·2	277·6	11th	285·3	283·9	+ 0·6	100	+29
1025	Corumba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Goyaba	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1027	Bello Horizonte	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1028	Cheetite	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1029	Ondina (Bahia)	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1030	Aracaju	10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1035	∮St. Helena	15 57	W. 5 40	579	947·2	1013·5	+ 1·1	293·8	295·2	24th	289·7	289·1	sev.dates	291·7	291·6	+ 0·3	78	-24
1039	Mossamedes	15 12	E. 12 9	12·5	1010·8	1012·3	..	..	303·0	19th	..	291·6	9th	..	..	..	3	-15
1041	Livingstone	17 51	25 51	972	906·2	1010·4	..	306·3	310·8	24th	293·3	290·2	3,17,18	299·8	..	+ 2·4	102	-35
1042	∮Elisabethville	11 39	27 28	1230	876·4	1007·3	- 0·6	301·5	304·3	8th	290·1	288·4	10th	295·8	..	+ 0·7	139	-81
1042	Gwelo	19 26	29 45	1411	863·7	1013·9	..	300·3	304·7	1st	287·9	283·6	13th	294·1	..	+ 0·8	20	-65
1043	∮Salisbury (Dept. Agric.)	17 48	31 5	1489	854·4	1012·5	+ 1·4	300·6	304·7	1st	288·1	283·6	12th	294·3	293·4	+ 1·1	18	-101
1044	Zomba	15 23	35 18	955	906·3	1009·5	+ 0·3	299·9	303·6	1st,9th	291·7	289·7	12th	295·8	295·1	+ 1·0	63	-168
1045	Mossuril	14 57	40 40	15	..	1011·3	..	305·2	306·9	17th	296·6	295·3	24th	300·9	300·6	..	142	..
1045	Antananarivo	18 55	47 33	1375	863·4	1010·4	+ 0·2	298·7	301·5	4th	289·4	286·2	23rd	294·1	292·9	+ 0·2	182	- 3
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1009·9	1010·6	+ 0·1	304·8	306·4	6th	299·6	298·0	3rd,13th	302·2	301·5	+ 1·5	90	-138
1057	∮Christmas Island	10 25	105 43	5·5	1007·7	1008·4	+ 0·8	303·4	305·2	9,17,20	298·2	296·9	22nd	300·8	300·3	+ 0·2	236	-41
1061	Kupang	10 10	123 34	45·1	..	1010·3	+ 1·1	304·7	308·5	10th	297·4	295·4	12th	301·1	300·5	+ 1·0	146	-76
1062	Derby	17 18	123 40	16·2	1008·3	1010·1	+ 1·2	308·8	313·9	10th	299·8	296·8	14th	304·3	..	+ 1·2	21	- 88
1063	Hall's Creek	18 13	127 46	373	969·5	1010·7	+ 1·9	307·4	311·6	11th	296·2	290·8	22nd	301·8	301·4	+ 0·5	121	+45
1064	Darwin	12 28	130 51	29·6	1005·2	1008·5	+ 1·1	305·6	310·8	8th	297·9	295·8	4th	301·8	300·7	- 0·1	272	+20
1065	Daly Waters	16 16	133 23	211	985·8	1009·1	+ 1·6	308·2	314·7	9th	296·2	291·9	22nd	302·2	301·8	+ 0·5	162	+42
1066	Georgetown, Queensland	15 56	144 8	210	986·9	1010·2	+ 2·2	306·9	309·2	7th	295·2	292·4	28th	301·1	..	+ 1·1	53	-131
1066	Willis Island	18 22	143 32	302	978·1	1011·4	+ 2·2	309·2	311·7	8th,9th	295·5	287·3	7th	302·3	..	+ 2·3	15	-109
1067	Samarai	16 18	149 59	8·5	1010·2	1011·3	+ 2·1	303·0	304·6	7th	298·2	296·3	26th	300·6	300·8	+ 0·2	82	-89
1072	Suva, Fiji	10 37	150 40	6·1	..	1010·6	+ 2·7	..	..	..	297·7	..	..	..	..	..	223	-49
		18 8	178 26	6·1	1009·7	1010·3	+ 1·9	301·4	303·6	17th	296·4	294·7	20,24,27	298·9	298·6	- 0·8	509	+141
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

MARCH - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1012·7	1013·0	..	301·4	304·1	29th	295·1	290·2	7th	298·3	..	..	512	..
1102	Harotonga (Avarua)	21 12	159 46	6·1	..	..	..	302·0	303·6	7,8,25	294·4	291·9	18th	298·2	297·9	- 0·5	165	-129
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·3	1014·1	- 0·4	293·2	295·8	2nd	288·4	285·4	20th	290·8	290·4	+ 0·7	0	- 1
1122	∮Antofagasta	23 42	70 24	94	1000·7	1011·7	- 2·9	297·1	299·2	4th,10th	290·4	288·0	23rd,25th	293·7	293·3	+ 0·7	0	0
1123	Catamarca	28 29	65 47	528	..	..	..	..	..	..	..	..	..	..	..	..	100	+55
1124	Delta	24 46	65 24	1173	883·8	1011·1	+ 1·3	299·4	304·7	3rd	286·5	279·5	11th	293·0	292·6	- 0·3	98	- 5
1125	Goya	29 9	59 15	37	1009·4	1013·7	+ 2·2	303·9	311·3	1st	290·7	285·1	25th	297·3	296·6	- 0·1	151	+10
1126	Asuncion	25 17	57 41	139	999·1	1015·0	+ 4·1	305·2	310·8	4th	293·8	288·3	25th	299·5	298·8	- 0·1	123	-11
1127	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1128	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1139	∮Windhoek	22 34	E. 17 6	1727	831·4	1012·6	..	298·1	299·7	7th,19th	288·1	282·5	30th	293·0	292·3	- 1·2	88	+ 3
1140	∮Okiep	29 36	17 52	933	912·8	1015·5	+ 2·6	303·1	309·5	18th	..	..	..	..	‡294·2	..	19	+ 8
1141	Kimberley	28 44	24 46	1218	882·2	1013·6	+ 1·8	301·5	305·2	17th,18th	289·3	285·7	31st	295·4	294·7	+ 0·8	69	-10
1142	Johannesburg	26 11	28 4	1806	825·5	1015·7	+ 1·2	297·3	301·8	17th	285·6	282·5	10th	291·4	290·9	+ 1·0	43	-70
1143	Bulawayo	20 9	28 36	1349	869·8	1014·1	+ 1·4	301·9	306·3	1st,29th	288·3	285·2	12th	295·1	294·5	+ 1·5	31	-55
1144	Durban	29 52	31 3	15·2	1016·2	1018·0	+ 0·8	299·7	303·0	13th	293·7	290·2	2nd,3rd	296·7	296·1	+ 0·1	188	+52
1145	Lourenco Marques	25 58	32 36	59·5	..	1016·4	+ 1·4	302·1	309·8	29th	293·9	292·0	12th	298·0	297·3	- 0·2	37	-69
1147	∮Mauritius	20 6	57 33	55·2	1003·6	1009·9	- 2·0	302·1	303·5	30th	296·0	292·6	27th	299·1	298·5	+ 0·2	638	+420
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

MARCH - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1008·7	1009·1	+ 1·0	306·9	312·7	5th	295·3	291·9	24th,25th	301·1	..	- 1·1	4	-21
1160	Cue	27 27	117 52	454	961·3	1011·6	+ 0·7	305·4	310·2	27th	292·6	288·7	30th	299·0	..	- 0·9	13	-12
1161	Nullagine	21 53	120 5	386	..	..	..	308·9	313·8	6th	294·4	286·3	23rd	301·7	..	- 0·4	119	+75
1162	Laverton	28 40	122 23	466	962·5	1011·6	+ 1·1	302·9	310·2	6th,11th	290·0	284·7	21st	296·4	296·3	- 1·3	115	+71
1163	Alice Springs	23 38	133 37	587	947·5	1012·1	+ 1·4	304·4	312·4	12th	290·8	282·7	22nd	297·6	297·0	- 0·3	23	-21
1164	William Creek	28 55	136 21	76·2	1007·5	1016·2	+ 2·2	303·3	313·5	12th	289·5	282·7	14th	296·4	296·2	- 1·4	63	+16
1164a	Boulia	22 55	139 38	146	994·2	1010·4	+ 1·7	308·8	315·7	10th	295·3	290·9	21st	302·1	302·4	+ 0·8	68	+21
1165	Thargomindah	27 58	143 43	123	999·6	1013·6	+ 1·9	304·4	309·2	11th	293·1	284·6	23rd	298·7	298·5	- 0·6	86	+39
1166	Mitchell	26 32	147 52	336	977·1	1015·2	+ 2·8	302·6	309·1	9th	292·0	285·1	23rd	297·3	..	+ 0·9	..	..
1167	Rockhampton	23 24	150 30	11·3	1013·7	1015·0	+ 3·2	304·4	309·7	7th	294·9	292·8	30th	299·7	299·1	+ 0·9	35	+20
1168	Brisbane	27 28	153 2	41·8	1013·6	1017·9	+ 3·4	300·4	304·8	8th	292·8	289·8	23rd	296·6	295·9	+ 0·1	379	+282
1170	Norfolk Island	29 4	167 59	14·9	1020·5	1022·3	+ 7·9	297·2	298·6	8th	292·3	286·6	31st	294·8	294·4	0·0	22	-12
		S.	E.															

MARCH - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	¢Juan Fernandez	33 37	78 52	6	1018·6	1019·3	+ 1·3	295·0	299·0	6th	289·6	286·3	20th	292·3	292·0	+ 0·5	10	-10
1221a	Punta Tumbes	36 37	73 6	120	1000·7	1015·0	+ 0·5	292·1	298·8	9th	284·5	281·4	18th	288·3	287·7	+ 0·8	31	+11
1222	¢Punta Angeles, Valparaiso	33 1	71 38	41	1009·4	1014·3	- 0·2	294·7	301·6	12th	285·2	283·0	14th,19th	289·9	289·6	0·0	0	-12
1222a	Santiago	33 27	70 42	520	953·5	1012·8	- 0·5	300·7	304·5	13th	284·5	279·2	20th,23rd	292·6	291·5	+ 1·2	95	+71
1223	Cordoba	31 25	64 12	423	964·7	1012·9	+ 1·1	300·9	308·7	2nd	286·6	279·2	11th	293·8	293·4	+ 0·1	117	+71
1224	Bahia Blanca	38 45	62 16	28·7	1007·7	1011·1	- 2·1	299·4	311·0	1st	286·9	280·0	21st	293·2	292·5	+ 0·1	..	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1012·1	1015·0	+ 1·0	300·8	310·2	2nd	288·9	281·5	9th	294·5	294·6	+ 1·2	40	+15
1226	Montevideo (Prado)	34 52	56 12	24·9	1012·7	1016·1	+ 1·7	300·2	311·0	1st,2nd	288·9	280·8	22nd	294·6	294·4	+ 1·1	35	+11
1226a	Porto Alegre	30 2	W. 51 13	23·5	1011·4	1014·1	- 0·4	302·3	310·6	6th	291·7	287·9	15th	297·0	296·3	+ 0·5	190	+98
1239	Cape Town	33 56	E. 18 29	12·2	1014·4	1015·8	+ 1·6	300·8	308·9	3rd	289·7	284·6	4th	295·2	293·5	+ 2·1	7	-14
1240	¢Danger Point	34 37	19 18	27·7	..	..	..	293·9	299·7	3rd	287·6	284·7	2,3,29	290·8	..	+ 0·4	1	-20
1240a	Klaver	31 47	18 37	41·8	1011·1	1015·9	+ 0·2	306·1	314·7	..	290·5	283·6	..	298·3	..	+ 1·8	44	+23
1241	¢Riversdale	34 6	21 16	105	..	..	..	300·9	310·8	22nd	288·3	283·0	29th	294·6	..	+ 0·9	66	+45
1242	East London	33 1	27 54	45·4	1012·3	1017·6	+ 2·6	298·1	303·0	20th	291·2	288·2	1st	294·6	..	+ 1·3	23	+11
1259	Perth (Observatory)	31 57	115 51	60·0	1008·7	1015·7	+ 0·3	301·6	310·0	9th	289·7	285·8	13th	295·7	295·2	+ 1·0	31	+11
1260	Katanning	33 42	117 35	310	980·9	1016·4	+ 0·4	300·4	307·6	9th	285·8	280·2	13th	293·1	..	+ 0·9	..	..
1261	Coolgardie	30 57	121 10	423	967·6	1015·3	+ 0·5	301·6	310·1	10th	287·8	281·4	13th	294·7	294·6	- 0·4	15	-14
1262	Eucla	31 45	128 58	4·6	1016·3	1016·9	+ 0·6	295·9	313·0	11th	288·9	280·8	3rd	292·4	291·8	- 1·3	57	+27
1263	Streaky Bay	32 48	134 13	13·1	1016·8	1018·3	+ 1·4	299·3	308·7	11th	286·9	281·9	15th,24th	293·1	292·4	- 0·4	16	+10
1264	¢Adelaide	34 56	138 35	42·7	1013·4	1018·5	+ 1·3	299·4	311·6	12th	287·0	281·7	21st	293·2	292·7	- 0·8	34	+14
1265	Melbourne	37 49	144 58	35·1	1013·8	1017·8	+ 0·9	295·7	308·4	12th	285·0	279·8	11th	290·3	289·9	- 1·5	140	+98
1266	Bourke	30 13	145 58	110	1005·2	1017·9	+ 2·6	302·9	309·1	9th,10th	290·7	282·4	22nd	296·8	..		98	+58
1267	Sydney	33 51	151 13	42·1	1012·9	1017·9	+ 1·5	297·7	305·9	8th	291·0	286·4	22nd	294·3	293·7	+ 0·6	188	+121
1268	Lord Howe Island	31 20	159 0	4·9	1020·2	1020·7	+ 4·1	298·0	300·3	8th	292·8	288·2	29th	295·4	..	+ 0·5	170	+103
1271	Auckland	36 51	174 48	40·8	..	1022·8	+ 5·2	293·5	296·6	22nd	286·5	278·6	29th	290·0	..	- 1·3	21	-12
1272	Napier	39 29	176 55	1·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

MARCH - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	¢Chatham Island	43 52	176 42	45·7	..	1016·8	+ 4·1	..	..	..	..	..	..	..	..	..	42	+20
1321	Isla Guafo	43 34	74 45	140	1000·8	1017·6	+ 2·1	287·1	290·2	13th	283·5	281·3	6th	285·3	285·2	+ 0·5	105	+57
1322	Punta Galera	40 1	73 44	40	1013·7	1018·5	+ 2·8	290·2	294·5	10th	283·6	279·5	17th	286·9	286·8	+ 0·9	10	- 4
1323	Sarmiento	45 33	69 1	272	980·7	1012·8	+ 2·7	294·3	306·2	10th	281·6	272·9	19th	288·0	287·5	- 0·2	4	-15
1324	Puerto Madryn	42 46	W. 65 2	14	1012·5	1014·2	+ 3·0	297·5	306·9	11th	281·7	275·5	19th	289·6	290·8	+ 0·4	15	-15
1365	Launceston	41 27	E.147 10	81·1	1007·8	1017·4	+ 2·9	294·3	301·1	12th	283·6	278·6	29th	288·9	287·9	+ 0·4	136	+76
1366	Hobart	42 53	147 20	53·9	1010·0	1016·5	+ 2·5	291·9	301·7	12th	283·8	279·3	23rd	287·9	286·9	- 0·3	106	+46
1369	Invercargill	46 25	168 21	3·7	..	..	..	289·6	296·9	10th	279·7	273·0	25th	284·6	..	- 1·0	42	-12
1370	Alexandra	45 15	169 24	159	..	..	..	293·4	299·6	15th	279·7	274·4	27th	286·5	..	..	33	-21
1371	Dunedin	45 52	170 31	6·1	..	1019·5	+ 5·9	290·3	296·8	10th	280·9	275·8	28th	285·6	..	- 0·5	25	-29
1371a	Christchurch	43 32	172 39	7·6	..	1019·6	+ 4·5	291·1	300·4	23rd	282·5	277·4	20th	286·8	..	- 0·6	10	-43
1372	Wellington	41 16	174 46	128	..	1021·2	+ 4·5	290·1	294·0	16th	283·8	279·7	29th	286·9	286·4	- 2·0	..	..
		S.	E.															

MARCH - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islote de los Evangelistas	52 24	75 6	55	998·7	1005·4	+ 3·5	283·5	286·2	10th	279·2	275·8	26th	281·3	281·6	+ 0·5	201	+80
1422	Magallanes	53 10	70 54	28	1000·6	1004·0	+ 2·8	285·9	289·8	1st	279·3	273·8	26th	282·6	282·3	+ 0·3	21	- 4
1423	Punta Dungeness	52 24	68 26	5	1002·9	1003·5	+ 2·7	286·5	291·5	4th	278·1	274·5	7th	282·3	282·6	- 0·6	18	- 7
1424	Santa Cruz	50 1	68 31	13	1006·3	1007·9	+ 3·8	291·8	298·2	4th,10th	281·0	273·3	27th	286·4	285·9	+ 0·4	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·4	+ 1·7	285·5	290·8	4th	278·1	273·0	27th	281·8	..	+ 0·8	77	+37
1426	Cape Pembroke	51 41	57 42	21·3	1000·1	1002·7	+ 1·4	285·3	290·8	1st,3rd	278·3	274·1	27th	281·8	282·2	+ 0·7	..	..
1429	S.Georgia (Cumberland Bay)	54 16	36 30	4	994·5	995·0	- 0·9	281·3	285·6	26th	273·7	268·1	15th	277·5	277·2	- 0·2	174	+74
		S.	W.															

MARCH - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43	W. 44 47	7	988·2	989·1	- 1·7	274·0	279·0	21st	268·8	263·8	14th,19th	271·4	271·2	- 1·2	55	+36
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, APRIL 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF APRIL, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

APRIL - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1247	Cala Bay	80 20	52 48	5·9	1022·4	1023·2	..	..	273·3	..	..	241·4	..	..	258·1	..	10	..

BETWEEN LATITUDE 80° N. AND 70° N.

APRIL - ZONE 1.

101	Wrangell Island	N. 70 58	W. 178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1021·0	+ 3·2	262·1	277·4	23rd	253·4	241·3	8th	257·7	..	+ 3·4	0	- 4
121	Pond Inlet	72 43	78 30	4·0	..	1016·6	..	253·3	266·9	20th	244·1	231·3	3rd,11th	248·7	249·5	..	..	..
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
131	Myggbukta	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1009·5	1011·7	..	268·6	275·6	29th	260·0	247·3	15th	264·3	265·0	..	63	..
135	Jan Mayen	70 59	W. 8 18	23·1	1006·8	1009·7	- 3·4	..	280·0	28th	270·6	265·0	15th	..	272·7	+ 1·8	21	- 4
139	Svalbard Radio (Spitsbergen)	78 13	E. 15 38	53·0	1012·0	1018·9	+ 5·9	..	277·2	10th	265·1	254·3	4th	..	267·6	..	18	..
140	¢Bjornoen	74 28	19 17	29·2	1012·7	1016·5	+ 3·7	..	275·9	30th	268·5	259·1	1st	..	271·0	+ 4·5	4	-17
142	Klagoy	71 4	24 6	4·3	1016·3	1016·8	+ 5·8	..	284·0	30th	271·5	265·7	5th	..	273·5	+ 1·0	12	-23
143	Slattnes	71 5	28 14	10·2	1016·7	1018·0	+ 7·8	..	282·1	30th	269·4	259·3	5th	..	272·4	..	14	..
147	Wandd	70 22	31 5	12·1	1016·8	1018·3	+ 6·7	..	282·7	30th	270·1	263·7	5th	..	272·0	+ 0·5	23	-18
148	Wsalye Karmakouly	72 23	52 44	15·3	1021·5	1023·5	+10·3	..	273·3	..	..	246·5	..	..	262·6	+ 0·6	1	- 9
150	Walgatch	70 24	58 48	11·2	1022·3	1023·8	+10·5	263·7	273·3	..	255·7	244·0	..	259·7	259·7	- 0·6	4	- 1
153	Cape of Desire (Zhelanya)	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
162	Mdicson	73 30	80 23	13·0	1020·4	1022·2	+10·7	256·8	268·8	..	248·1	238·4	..	252·5	252·4	- 2·6	3	- 4
	Bouloune	70 45 N.	127 47 E.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

APRIL - ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	267·9	275·8	20th	260·3	248·6	9th	264·1	..	..	3	..
204	Nome	64 30	165 24	6·7	1009·5	1010·1	- 0·6	270·6	277·4	21st	261·3	248·0	17th	265·9	266·7	+ 1·3	30	+15
205	Bethel	60 45	161 47	11·6	..	1010·5	+ 2·5	270·7	279·1	22nd,30th	259·9	241·9	9th	265·3	..	- 3·3	18	+ 4
206	Tanana	65 10	152 6	69·5	1004·4	1012·8	+ 0·8	273·7	288·0	23rd	261·6	247·4	1st	267·7	268·0	- 0·6	9	+ 2
207	Rampart	65 30	150 15	114	..	..	..	271·9	286·3	21st	260·7	247·4	18th	266·3	..	- 1·9	4	- 2
208	Walder	61 7	146 16	122	..	..	..	277·3	282·4	25th	271·1	266·9	16th	274·2	..	..	35	..
209	Eagle	64 46	141 12	250	980·0	1011·2	- 0·3	275·1	287·4	24,25,26	263·3	247·4	2nd	269·2	269·3	- 1·1	4	- 6
210	Lawson	64 4	139 29	324	972·1	1012·7	..	275·4	287·4	25th	263·0	247·4	2nd	269·2	269·3	- 1·4	18	+ 4
211	Aklavik	68 14	134 50	7·6	1017·5	1018·5	..	264·8	284·1	26th	253·1	230·8	6th	258·9	258·8	..	29	..
212	Fort Good Hope	66 15	128 38	65·2	1011·9	1020·5	..	270·5	288·6	24th,25th	255·6	233·0	6th	263·1	264·1	+ 0·3	10	- 8
213	Fort Simpson	61 52	121 15	126	998·3	1014·4	..	276·4	294·7	28th	263·0	245·8	3rd	269·7	269·6	- 0·5	27	+ 7
214	Hay River	60 51	115 57	161	994·4	1014·9	..	274·6	293·0	28th	262·8	243·6	10th	268·7	268·6	+ 0·6	15	+ 1
215	Coppermine	67 49	115 10	4·6	1018·6	1019·2	..	261·4	277·4	26th	252·5	234·1	7th	256·9	257·1	..	10	..
216	Chesterfield	63 45	91 50	4·0	1015·6	1016·1	..	260·6	273·0	14th,16th	252·2	236·9	7th	256·4	256·4	+ 0·4	..	..
220	Nottingham Island	63 7	77 56	16·5	1011·0	1013·1	..	264·1	274·7	30th	255·4	244·1	3,7,8	259·7	259·9	..	..	..
221	Hope's Advance	61 5	69 33	73·2	1002·4	1012·0	..	265·0	274·7	20th	259·0	248·6	8th	262·0	262·0	..	21	..
224	Resolution Island	61 18	64 53	38·7	1008·3	1013·4	..	267·2	274·7	20th,29th	260·4	247·4	8th	263·8	264·0	..	22	..
225	Jacobshavn	69 13	51 2	31·6	1005·8	1009·9	- 3·6	267·5	279·2	30th	260·0	249·2	10th	263·7	264·0	+ 0·7	10	- 2
226	Godthaab	64 10	51 43	20	..	..	..	272·1	281·2	29th	265·3	255·2	10th	268·7	268·4	- 0·5	8	-20
227	Ivigtut	61 12	48 10	30·0	1005·5	1009·3	+ 0·6	275·4	281·6	13th	266·8	254·3	9th,11th	271·1	271·0	- 0·8	117	+55
228	Angmagssalik	65 36	37 33	29·3	1002·7	1006·4	- 4·6	275·8	280·3	22nd	268·8	261·0	3rd,10th	272·3	271·9	+ 2·9	55	- 4
232	Stykkisholm	65 5	22 46	25	..	1005·8	- 4·2	278·2	283·4	20th	272·5	266·5	3rd	275·3	275·2	+ 1·4	73	+35
233	Vestmanno	63 24	20 17	122	..	1006·4	- 1·9	278·6	281·8	20th	274·5	269·7	12th	276·5	276·5	+ 0·2	91	- 6
234	Grimsey	66 33	18 1	22	..	1006·2	- 5·2	276·5	283·0	20th	..	..	..	..	274·2	+ 2·3	7	- 6
235	Akureyri	65 41	18 5	7	..	1006·2	- 5·2	278·5	285·6	20th	273·2	267·9	14th	275·9	275·9	+ 1·0	42	..
236	Teigarhorn	64 41	14 22	18	..	1006·4	- 3·9	279·7	284·2	19th	273·0	268·8	18th	276·3	275·9	+ 1·5	186	+105
237	Hjvig	62 3	6 45	22·9	1005·4	1008·2	- 2·5	280·6	283·2	9th	275·6	272·3	5th	278·1	278·4	+ 0·4	103	+10
238	Lerwick	60 8	W. 1 11	18·0	..	1009·3	- 1·9	280·9	284·1	10th	277·1	273·6	5th	279·0	279·0	+ 0·7	78	+20
239	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1005·6	1011·1	- 1·2	281·7	288·6	26th	275·2	270·5	1st	278·5	278·2	- 0·3	91	- 5
240	Aalesund	62 28	6 10	6·3	1010·4	1011·2	- 2·0	..	287·0	27th	274·9	271·2	8th	..	276·6	- 0·4	22	-37
241	Trondheim	63 26	10 25	59·2	1004·5	1011·9	+ 0·2	280·1	286·8	25th	272·2	266·9	8th	276·1	276·3	- 0·2	39	- 6
242	Sodd	67 17	14 26	17·0	1012·0	1014·1	+ 2·9	..	285·0	26th	273·3	264·2	7th	..	276·1	+ 1·1	1	-50
243	Haparanda	65 50	24 9	9·2	1014·2	1015·4	+ 2·3	276·5	288·5	30th	268·1	256·0	4th	272·3	272·6	+ 1·2	39	+13
244	Helsingfors	60 10	24 57	11·7	1011·5	1013·0	- 1·1	277·8	287·6	28th	272·0	262·6	3rd	274·9	274·8	+ 0·2	20	-16
245	Kuopio	62 55	27 40	233	985·4	1014·4	+ 1·0	277·2	292·5	30th	270·1	259·5	4th	273·7	273·8	- 0·4	27	- 6
246	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Ust-Tsylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Tchesdyn	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		°N.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ∘	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1021·8	1023·5	+10·8	264·1	274·2	..	255·5	239·5	..	259·8	260·2	- 0·6	5	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

APRIL - ZONE 3.

GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ∘	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1008·8	0·0	274·4	278·0	25th,26th	269·2	258·0	5th	271·8	..	+ 1·6	37	..
303	∮Dutch Harbor	53 55	166 30	4·0	1009·5	1010·1	+ 1·9	277·9	282·4	10th	272·0	265·8	8th	274·9	274·8	0·0	33	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	3	..
306	Kodiak	57 48	152 22	4·6	1007·8	1008·4	+ 2·3	273·9	278·6	25th,26th	267·3	258·6	9th	270·6	..	- 0·8	15	..
								281·2	287·4	26th	273·2	269·1	17th	277·2	276·9	+ 1·5		
309	Sitka	57 3	135 19	19·8	..	..	..	284·8	296·3	26th	275·7	271·3	1st	280·3	..	+ 1·4	142	..
310	∮Prince Rupert	54 18	130 18	51·8	1005·4	1011·8	- 2·1	284·5	294·1	26th,29th	276·6	273·0	18th,19th	280·6	280·7	+ 1·4	273	..
311	Prince George	53 50	122 48	570	946·3	1014·1	..	287·6	298·6	30th	271·7	264·7	2nd	279·7	279·8	+ 2·0	6	..
312	∮Kamloops	50 41	120 20	385	972·2	1018·1	+ 1·0	290·1	300·8	30th	277·6	271·3	3rd,19th	283·9	283·7	+ 1·1	4	..
313	Calgary	51 2	114 2	1058	893·6	1016·2	+ 3·0	285·2	298·6	28th	270·0	262·4	3rd	277·6	277·8	0·0	28	..
314	Fort Smith	60 0	111 52	207	987·8	1013·4	..	278·8	293·6	27th	264·7	243·0	10th	271·7	271·6	+ 2·0	17	..
315	Prince Albert	53 10	105 45	436	961·7	1014·6	- 1·5	285·1	298·0	29th	271·2	260·2	2nd	278·2	277·9	+ 2·0	7	..
316	Qu'Appelle	50 31	103 56	654	938·0	1015·5	- 0·6	286·3	299·7	17th,30th	271·0	259·7	3rd,22nd	278·7	278·3	+ 2·5	0	..
317	Minnedosa	50 15	99 50	515	953·9	1016·0	0·0	285·4	300·2	30th	269·9	258·6	3rd	277·7	277·1	+ 2·0	4	..
318	Berens River	52 18	97 2	219	..	..	..	280·4	292·4	9th	268·6	253·6	4th	274·5	..	+ 2·7	12	..
319	Pagwa	50 3	85 18	189	..	..	..	281·9	295·2	18th	267·4	246·9	5th	274·7	..	+ 1·4	72	..
320	Moose Factory	51 14	80 30	9·1	1018·5	1019·7	..	275·3	291·3	18th	265·3	246·3	5th	270·3	270·5	- 0·4	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	273·8	283·0	16th	264·8	249·7	4th	269·3	..	+ 2·1	12	..
322	Mistassini Post	50 30	73 55	383	..	..	..	278·2	293·0	22nd	266·3	250·8	6th	272·3	..	+ 1·1	..	..
323	Fort Chimo	58 10	68 10	15·2	1010·3	1012·2	..	272·9	280·2	20th	261·9	245·8	8th	267·4	267·6	+ 1·5	106	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	277·9	285·8	25th	270·3	263·6	6th	274·1	..	+ 2·7	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 49	††17 15	§ (78)	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1012·6	1014·3	+ 1·2	284·4	287·1	280·9]-0·4	..	..	..	..	279·3	..	79	..
335	Aberdeen	57 10	W. 2 6	26·0	1007·3	1010·5	- 1·9	282·2	288·4	10th	280·1	275·0	22nd	282·3	282·3	+ 0·3	59	..
336	Greenwich	51 29	0 0	46·3	..	1011·6	- 2·6	286·2	293·6	11th	276·5	272·8	23rd	279·3	279·3	+ 0·1	97	..
										12th	277·4	272·4	1st	281·8	281·3			
337	Uccle	50 48	E. 4 22	100	999·2	1011·4	- 2·7	286·5	292·6	9th	276·8	270·1	1st	281·6	280·8	- 0·1	75	..
338	De Bilt	52 6	5 11	3·0	1010·7	1011·1	- 2·7	285·2	291·9	10th,13th	276·2	268·7	1st	280·7	280·3	- 0·7	59	..
338a	Hamburg	53 33	9 58	40·3	1006·2	1011·2	- 2·1	283·5	292·0	25th	275·8	270·2	1st	279·7	279·2	- 1·2	70	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·5	1012·1	- 1·6	280·9	287·8	25th	274·3	270·3	9th	277·6	277·6	- 0·5	38	..
340	Potsdam	52 23	13 4	84·9	1001·5	1012·0	- 2·1	283·9	293·0	25th	274·8	266·8	1st	279·3	278·8	- 2·0	58	..
340a	Uppsala	59 51	17 38	24	1009·7	1012·7	- 0·6	279·1	291·2	28th	271·1	265·0	1st	275·1	274·9	- 1·3	24	..
341	Warsaw	52 13	21 3	88·3	1002·4	1013·3	- 1·4	283·8	293·6	26th	274·3	267·2	3rd	279·1	278·4	- 1·1	37	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1002·9	1013·0	- 0·9	279·4	291·1	29th	272·5	262·7	2nd	276·0	275·8	- 0·6	10	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	13	..
346	Kazan	55 47	49 8	80·6	1011·5	1021·6	+ 2·5	282·5	296·9	27th	273·6	262·9	6th	278·1	277·9	+ 1·4	..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ∘	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
421	Victoria, B.C.	48 24	123 19	70·1	1008·6	1017·1	- 0·1	287·7	296·9	28th	279·9	275·8	18th	283·8	283·4	+ 2·0	28	-11
422	Portland, Oregon	45 32	122 41	46·6	1012·5	1017·9	- 0·2	291·4	303·0	27th	280·7	275·8	18th	286·1	285·8	+ 2·4	61	-16
423	∮Halsod	49 44	113 24	953	..	..	..	287·3	296·9	30th	272·4	265·2	23rd	279·9	280·1	+ 1·1	8	-14
424	Helena	46 34	112 4	1257	874·3	1017·6	+ 2·3	286·7	294·7	17th	273·1	263·0	23rd	279·9	279·5	+ 0·4	6	-22
425	Salt Lake City	40 46	111 54	1329	866·9	1014·5	+ 1·6	289·8	297·4	7th	278·1	270·8	3rd	283·9	284·2	+ 0·9	47	- 6
426	Cheyenne	41 8	104 48	1856	813·1	1016·9	+ 2·8	284·3	294·1	12th	271·5	263·0	3rd	277·9	278·6	- 0·1	44	- 3
427	North Platte	41 8	100 45	860	917·7	1017·3	+ 2·8	289·9	301·9	11th	275·8	268·0	25th	282·8	282·5	+ 0·7	32	-22
428	Bismarck	46 47	100 48	510	955·6	1016·6	+ 1·1	288·0	301·3	17th	273·1	264·7	3rd	280·6	280·6	+ 1·4	11	-30
	Winnipeg	49 53	97 7	232	988·3	1016·8	..	284·3	296·9	17th,30th	272·4	261·3	3rd	278·3	277·9	+ 2·1	9	-27
	Duluth	46 47	92 6	345	975·6	1017·6	+ 1·4	284·6	297·4	18th	272·6	265·8	11th	278·6	277·7	+ 2·5	26	-26
429	Fort Arthur	48 27	89 12	196	992·2	1016·4	- 0·1	281·6	291·3	18th	271·6	265·2	11th	276·6	276·1	+ 1·7	20	-18
430	Chicago	41 47	87 35	205	993·2	1017·9	+ 2·0	287·3	299·7	13th	277·9	273·0	2nd	282·6	281·6	+ 1·0	44	-28
431	Toronto	43 40	79 24	116	1002·7	1017·0	+ 0·5	285·2	298·6	13th	275·7	271·9	12th	280·4	279·9	+ 1·8	48	-10
432	New York (Central Park)	40 47	73 58	47·4	1010·9	1016·7	+ 1·1	288·1	294·7	20th,21st	279·1	274·7	12th	283·6	283·5	+ 0·9	96	+10
432a	St. John, N.B.	45 17	66 4	36·3	1010·1	1014·6	..	282·8	291·3	20th	274·5	269·7	12th	278·7	278·4	+ 2·0	73	-16
	S.W.Point, Anticosti	49 24	63 33	9·1	1011·4	1012·6	..	276·4	282·4	23rd	268·5	263·6	6th,13th	272·5	273·3	+ 0·3	44	- 1
426	Sable Island (Main Station)	43 57	60 6	7·6	1015·6	1016·5	..	280·3	284·1	2nd	275·6	271·9	7,13,17	277·9	277·9	+ 1·9	93	0
435	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Madrid																	
	Nantes	40 24	3 41	667	937·0	1014·2	- 1·1	292·1	296·7	16th	279·3	274·2	22nd	285·7	285·1	+ 1·2	11	-26
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1008·8	1013·2	- 1·4	287·0	293·3	10th	279·0	274·9	19th	283·0	282·8	- 0·1	55	+ 4
438	Marseille	48 49	E. 2 30	50·3	1006·7	1012·8	- 1·1	287·0	293·9	9th	277·8	272·0	1st	282·4	282·3	- 0·3	63	+19
438a	Zürich	43 18	5 23	75	..	1011·8	0·0	291·2	295·4	9th	279·9	274·8	20th	285·6	285·8	+ 0·1	7	-48
439	Rome	47 23	8 33	493	954·7	1013·2	- 1·2	286·9	294·9	12th	276·3	268·8	1st	281·6	280·8	- 0·8	85	- 5
440	Vienna	41 54	12 29	45·5	1004·5	1009·9	- 2·9	290·4	295·6	14th	280·4	274·0	2nd	285·4	285·3	- 1·3	113	+47
440a	Budapest	48 15	16 22	203	988·7	1013·4	- 0·2	284·9	293·1	13th	276·0	269·8	1st	280·4	280·3	- 2·6	37	-16
441	Gofia	47 31	19 1	130	997·6	1013·5	+ 0·5	287·5	294·0	26th	277·1	270·0	1st	282·3	282·0	- 2·1	72	+14
442	Bucharest	42 42	23 20	550	948·9	1013·7	+ 0·4	287·2	296·2	21st	276·4	268·7	1st	281·8	282·0	- 1·1	49	- 3
		44 25	26 6	82	1003·8	1013·8	+ 0·3	289·5	299·7	21st	277·3	269·0	1st	283·4	282·8	- 1·4	60	+16
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	281·0	..	..	275·8	..	..	278·4	..	- 3·4	..	..
444	Novorossiisk	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
446	Astrakhan	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
449	Kazalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Andi jan	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
453	Moukden	41 46	123 24	44·3	1008·9	1014·3	- 0·1	286·4	296·9	27th	273·8	265·0	8th	280·1	279·9	- 1·7	27	0
454	Jinkin	40 40	129 12	31·9	1009·0	1012·9	- 1·1	283·8	293·2	10th	274·4	269·9	1st	279·1	278·5	- 1·1	52	+22
455	Vladivostok	42 20	130 24	63·8	1004·2	1012·1	- 1·8	282·7	294·1	26th	273·5	267·9	12th	278·1	277·9	- 0·4	20	-11
456	Ochkai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456a	Memoro	47 20	142 47	27·4	1006·0	1009·5	- 2·1	275·9	280·1	20th	268·1	258·7	9th	272·0	271·8	- 1·9	103	+59
	Syenn	43 20	145 35	26·7	1006·7	1010·0	- 3·7	278·3	285·8	24th	272·1	267·5	19th	275·2	275·1	- 0·7	102	+29
		45 14	147 53	39·3	1004·6	1009·5	- 3·6	276·8	284·0	10th	270·3	262·2	4th	273·5	273·5	- 0·9	116	+51
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

APRIL - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ∘	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
251	San Francisco	37 48	122 26	47·2	1009·1	1014·5	- 2·9	292·6	301·9	20th	283·4	281·9	10th	288·0	287·0	+ 2·6	8	-32
252	Sacramento	38 35	121 30	21·0	1010·8	1013·2	- 2·7	298·1	308·6	21st	282·9	276·9	3rd	290·5	290·6	+ 3·0	1	-36
253	San Diego	32 43	117 10	26·5	1010·5	1013·5	- 2·2	294·1	299·1	6th	287·2	284·7	4th	290·7	290·3	+ 3·1	35	+19
254	Modena	37 48	113 54	1668	832·0	1012·2	+ 0·7	290·7	296·9	18th	273·5	266·9	3rd	282·1	282·3	+ 1·7	14	- 9
255	Santa Fé	35 41	105 57	2138	786·6	1013·2	+ 1·8	288·1	294·1	19th	275·5	270·2	4th	281·8	281·8	+ 0·4	50	+27
256	Denver	39 45	105 0	1613	837·4	1016·2	+ 2·7	287·7	296·9	7th	275·6	268·0	3rd	281·6	281·9	0·0	57	+ 3
257	Abilene	32 23	99 40	530	955·6	1016·9	+ 2·9	295·4	305·2	2nd	282·4	273·0	5th	288·9	288·3	- 1·9	55	-11
258	Saint Louis	38 38	90 12	173	997·3	1017·9	+ 2·6	292·3	301·9	15th	281·8	274·7	1st	287·1	286·7	+ 0·9	82	-14
259	Mobile	30 41	88 2	17·4	1016·2	1018·3	+ 1·6	295·6	302·4	18th	286·3	280·2	6th	290·9	290·7	- 1·0	82	-43
260	Nashville	36 10	86 47	166	999·0	1018·9	+ 2·3	293·3	301·9	16th	282·1	276·3	1st	287·7	287·8	- 0·2	62	-50
261	Charleston	32 47	79 56	14·6	1016·6	1018·3	+ 1·2	294·8	301·9	30th	286·3	279·1	7th	290·6	290·6	- 0·1	23	-51
262	Washington	38 54	77 3	34·1	1012·8	1016·9	+ 0·8	291·1	300·8	10th	279·7	274·7	7th	285·3	285·1	+ 0·3	73	- 9
263	Bermuda	32 17	64 46	38·1	1015·3	1019·8	..	295·1	298·0	30th	289·0	286·9	15th	292·1	292·6	0·0	19	-84
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

APRIL - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ●	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1018·1	1023·5	+ 3·0	291·3	293·9	28th	286·2	281·9	8th	288·8	288·6	+ 0·7	106	- 7
531	Horta	38 32	28 38	65	1014·6	1022·4	+ 1·4	291·4	295·1	29th	285·6	281·5	8th	288·5	288·0	- 0·4	84	+ 8
532	Ponta Delgada	37 44	25 40	22	1018·7	1021·3	+ 0·2	289·9	293·5	28th	285·5	282·4	8th	287·7	287·9	- 0·2	96	+ 5
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	87	..
533	Madeira (Funchal)	32 38	16 55	25	1015·3	1018·3	- 0·6	291·9	294·1	1st	286·5	284·4	9th	289·2	289·3	+ 0·1	40	- 4
535	Lisbon	38 43	9 9	95	1003·6	1014·9	- 0·9	291·4	298·5	16th	284·7	280·9	4th	288·1	287·8	+ 0·6	30	- 5
536	Gibraltar	36 6	5 21	27·4	..	1014·0	- 2·6	293·7	298·6	27th	284·8	281·3	22nd	289·3	288·4	+ 0·2	139	+ 71
536a	Colomb-Béchar	31 37	W. 2 13	769	924·9	1011·0	- 0·6	..	..	..	286·9	280·0	8th	..	292·8	..	1	- 4
537	Palma	39 34	E. 2 39	23	1010·7	1013·4	- 1·4	..	..	..	..	..	..	..	‡289·0	+ 0·5	12	- 7
538	Algiers	36 46	3 13	59	1006·4	1013·4	- 1·1	292·2	300·1	2nd	286·1	2 2·1	21st	289·1	288·8	+ 0·2	49	+ 2
538a	Gadames	30 18	9 30	351	..	..	..	307·2	313·3	6th	286·8	282·5	11th	297·0	..	+ 1·7	2	- 6
539	Tunis	36 48	10 10	66	1005·1	1013·0	- 0·2	292·7	297·1	30th	283·5	278·7	10th	288·1	287·9	+ 0·1	30	+ 2
540	Malta	35 54	14 31	71·2	..	1012·4	- 0·5	290·9	295·8	27th	285·7	281·3	2nd	288·3	287·5	- 0·8	2	- 6
541	Athens	37 58	23 43	107	1000·1	1012·9	- 0·4	291·1	295·8	22nd	280·6	276·9	3rd	287·0	286·9	- 0·9	55	+ 1
542	¢Alexandria	31 12	29 53	32·0	1010·3	1014·1	0·0	297·8	304·8	15th,22nd	287·4	284·4	14th	292·6	291·5	+ 0·1	4	- 4
543	Ankara	39 58	32 48	861	913·6	1012·7	- 1·4	288·0	296·7	22nd	276·8	269·2	4th	282·4	282·5	..	78	+ 30
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1011·9	- 0·1	295·7	302·4	22nd	283·2	278·6	1st,4th	289·5	..	- 0·2	30	+ 37
544	¢Beirut	33 54	35 28	33·7	..	1012·4	- 1·0	294·9	301·4	20th	287·8	284·8	2nd	291·3	291·1	+ 0·1	37	+ 21
545	Hinaidi	33 17	44 29	32·9	1007·5	1011·2	- 0·8	302·1	307·2	10th	287·6	281·3	5th	294·8	295·1	+ 0·4	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	55	..
547	Tehran	35 41	51 25	1220	870·5	1002·7	..	..	..	..	..	..	..	..	..	..	4	..
548	Meshed	36 17	59 36	946	..	..	..	295·5	300·0	11th	283·7	279·2	23rd	289·6	289·9	+ 1·2	20	+ 7
549	Seistan	31 2	61 30	?610	954·9	..	..	294·9	303·9	13th	..	..	..	..	..	..	72	..
550	Quetta	30 10	67 1	1647	835·5	..	+ 0·1	303·1	308·4	14th	289·6	285·8	11th	296·3	..	+ 2·0	26	+ 1
551	Peshawar	34 1	71 35	355	970·2	1009·9	0·0	298·0	302·4	16th	282·3	278·0	12th	290·1	290·4	+ 1·8	8	- 6
551a	Lahore	31 35	74 20	214	983·5	1007·5	0·0	305·7	310·8	24th	290·7	284·7	12th	298·2	298·0	+ 2·5	7	- 3
552	Simla	31 6	77 10	2202	782·2	..	+ 1·0	309·8	315·8	25th,26th	292·3	287·4	13th	301·1	300·9	+ 0·8	14	+ 4
552a	Leh	34 9	77 34	3503	668·8	..	+ 2·5	293·8	298·0	25th,26th	285·9	279·7	7th	289·9	290·2	+ 1·8	2	- 1
								287·2	291·3	17th,28th	273·2	268·6	9th	280·2	279·6	+ 1·1		
558	Sian	34 31	109 5	365	967·8	1010·1	..	295·4	309·0	5th	285·1	280·0	12,19,23	290·2	289·9	..	69	+ 29
559	Hankow	30 35	114 17	39·1	1011·1	1015·9	+ 0·4	294·1	304·0	26th	285·7	280·8	12th	289·9	289·4	0·0	185	+ 15
560	Tientsin	39 9	117 9	6·4	1014·6	1015·3	0·0	292·0	296·6	30th	278·9	273·0	8th	285·4	285·1	- 1·0	..	..
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·8	1016·6	+ 1·1	292·2	301·1	26th,27th	281·7	273·4	9th	287·0	286·0	- 0·5	89	+ 9
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1007·0	1015·6	+ 0·3	285·4	290·9	26th,28th	277·4	272·1	6th	281·4	280·9	- 1·6	144	+ 6
562a	Nagasaki	32 44	129 52	133	999·9	1015·8	+ 0·4	291·0	297·0	27th	282·1	277·5	9th	286·5	286·3	- 0·9	175	+ 7
563	Kyoto	35 1	135 44	42·9	1009·7	1014·9	- 0·5	290·7	297·1	16th	279·2	271·9	10th	284·9	284·6	- 0·9	70	+ 9
564	Tokyo	35 41	139 46	5·8	1012·4	1013·1	- 2·3	290·4	299·4	22nd	280·4	273·0	8th	285·4	285·4	- 0·1	98	+ 4
565	Hukuoima	37 45	140 28	68·5	1004·8	1013·1	- 2·1	288·8	297·5	26th	276·6	270·9	4th	282·7	282·3	- 0·9	117	+ 4
566	Miyako	39 38	141 59	30·4	1007·8	1011·5	- 3·2	287·1	296·8	21st	275·6	270·9	13th	281·3	280·7	- 0·5		
		N.	E.															

APRIL - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

601	Midway Island	28 13	177 22	5·8	1020·7	1021·4	..	299·8	304·7	15th	287·3	284·1	28th	293·6	292·8	+ 0·9	13	- 3
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	- 0·6	297·8	299·7	18th	293·0	291·3	20th	295·4	295·4	- 0·4	18	+ 1
613	¢Guaymas	27 55	110 53	8·3	1011·2	1012·1	- 0·4	302·5	308·5	10th	291·5	288·0	4th	297·0	296·7	+ 1·0	7	+ 1
614	La Paz, Mexico	24 10	110 20	12	1009·5	1010·9	..	301·0	304·4	11th	291·7	290·0	1st	296·3	295·7	..	0	- 3
615	Leon	21 7	101 41	1809	819·6	1007·7	- 1·2	300·3	302·7	20th	283·5	279·6	6th	291·9	292·0	- 3·4	3	- 4
616	¢Monterry	25 40	100 18	528	954·6	1014·7	+ 3·9	298·1	309·0	2nd	287·1	281·2	6th	292·6	292·1	- 2·4	34	+ 17
617	Tulancingo	20 5	98 22	2181	789·6	..	+ 0·2	297·2	304·0	2nd	280·6	275·3	7th	288·9	287·6	- 2·3	57	+ 2
618	Galveston	29 18	94 50	16·5	1016·6	1018·6	+ 3·2	293·6	299·7	17th	288·4	279·7	1st	291·0	290·7	- 2·6	86	+ 4
618a	New Orleans	29 57	90 4	16·2	1016·6	1018·3	+ 2·4	296·5	302·4	18th	287·3	279·1	1st	291·9	292·6	- 1·5	..	..
619	Merida, Yucatan	20 58	89 38	22	1012·0	1014·6	+ 0·6	302·5	307·6	sev.dates	293·1	288·0	2nd	297·8	296·9	- 2·3	13	- 6
620	Havana	23 7	82 25	77·0	1005·9	1014·8	- 1·3	299·5	305·0	26th	292·8	286·4	8th	296·3	296·0	..	68	+ 9
620a	Key West	24 33	81 48	6·7	1015·2	1015·9	- 0·5	298·9	301·9	25th	293·3	288·0	7th	296·1	295·8	- 1·2	95	+ 8
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·3	+ 1·1	299·4	303·6	26th	292·8	289·7	8th	296·1	296·0	- 0·8	84	+ 3
622	San Salvador(Watling Island)	24 6	74 26	33·5	1012·9	1016·8	- 0·6	..	301·3	6th	..	293·6	12th	..	297·0	+ 1·2	..	..
633	Port Etienne	20 56	17 3	4	1016·4	..	..	299·0	305·8	27th	286·0	284·0	11th	292·5	291·1	..	0	- 2
634m	Izaña	28 19	16 30	2367	765·1	..	- 1·5	282·0	290·0	1st	274·5	268·7	10th	278·3	277·9	- 1·2	62	+ 2
634	La Laguna	28 28	16 20	547	951·2	1014·9	- 2·4	290·4	297·8	1st	282·3	279·8	4th	286·4	285·8	- 1·0	59	+ 1
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	0	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	862·0	1003·3	..	305·4	308·8	6th	289·7	284·3	9th	297·5	297·6	+ 2·3	0	..
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	9	..
640	Hon	29 8	15 56	263	..	..	..	303·7	314·9	13th	283·7	277·6	17th	293·7	..	..	0	..
641	Ularabub	29 44	24 30	12	..	..	..	303·7	311·6	22nd	286·9	283·2	3rd	295·3	..	..	..	..
642	Siwa	29 12	25 29	-23	1015·4	1012·7	- 1·6	..	..	..	286·2	280·0	1st	..	294·0	..	..	..
643	Cairo (Helwan)	29 52	31 20	116	999·1	1012·6	- 0·7	302·0	309·0	8th	287·9	283·0	13th	294·9	294·7	+ 0·6	0	..
643a	Aswan	24 2	32 53	100	998·6	1009·9	- 1·0	309·0	315·8	27th	291·7	285·4	1st	300·3	299·6	+ 0·5	0	..
644	Tor	28 14	33 37	1·9	1010·4	1010·6	- 0·5	300·6	307·0	9th	289·6	283·5	18th	295·1	294·9	+ 0·3	..	..
		N.	E.														mm.	mm.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

APRIL - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean ●	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1010·8	1011·3	..	300·2	306·7	29th	293·2	288·6	1st	296·7	296·0	+ 0·3	3	- 9
648	Jask	25 45	57 45	4·0	1008·9	1009·3	..	304·3	308·4	5th	296·8	293·3	2nd	300·6	299·9	+ 1·2	0	- 5
649	Karachi	24 48	66 59	4·0	1009·1	1009·6	+ 0·1	303·3	306·9	14th	297·7	295·2	2nd	300·5	299·8	+ 1·2	0	- 4
650	Jacobabad	28 17	68 29	56·7	1001·3	1007·5	+ 0·1	313·1	316·9	23rd,25th	295·4	291·3	11th	304·2	303·7	+ 1·9	0	- 5
651	Jaipur	26 55	75 50	436	960·9	1008·4	+ 0·8	312·7	315·8	24,25,26	295·6	291·3	7th,8th	304·1	304·2	+ 1·1	0	- 4
652	Nagpur	21 9	79 7	310	974·2	1008·2	+ 0·3	314·9	317·4	sev.dates	297·9	293·6	3rd,4th	306·4	306·2	+ 1·1	10	- 4
653	Allahabad	25 26	81 50	94·2	996·5	1007·0	- 0·4	314·4	318·0	25th,26th	296·4	290·8	10th	305·4	305·1	+ 1·7	0	- 4
654	Darjiling	27 3	88 16	2265	776·1	..	+ 0·5	290·0	291·9	17th	283·4	278·0	4th	286·7	287·0	+ 0·6	192	+94
655	Calcutta	22 32	88 20	6·4	1007·1	1007·9	- 0·4	309·2	312·4	29th,30th	298·9	293·0	9th	304·1	303·7	+ 1·2	27	-21
656	Gauhati	26 11	91 45	59·7	1003·1	1010·0	- 0·2	302·9	307·4	15th	293·7	290·2	8th	298·3	297·2	+ 0·5	164	- 4
656a	Cherrapunji	25 15	91 44	1313	868·7	..	+ 0·5	295·5	299·7	5th	288·7	286·3	8th	292·1	291·4	+ 1·5	1472	+756
656b	Akyab	20 8	92 55	8·8	1010·1	1011·1	+ 0·7	305·6	306·9	9th,10th	297·9	295·2	11th	301·7	301·4	+ 0·2	1	- 52
656c	Mandalay	21 59	96 6	76·2	1000·5	1009·2	- 0·2	312·7	316·3	23rd	299·7	294·1	8th	306·2	305·7	+ 0·9	6	- 22
657	Tengyueh	25 0	98 40	1634	834·9	1008·2	..	297·3	300·2	24th	283·0	279·1	2nd	290·1	289·7	+ 1·7	19	- 54
658	Fini Hien	20 48	106 38	116	..	1009·3	- 1·2	300·1	304·7	16th	295·1	292·2	9th,14th	297·6	297·1	+ 1·6	137	+60
659	Mongway	21 31	107 58	9·0	..	..	..	..	..	..	..	..	..	..	..	..	30	..
660	Hongkong	22 18	114 10	33·2	..	1012·5	- 0·1	296·9	303·0	30th	292·9	288·2	7th	294·9	294·6	+ 0·4	227	+83
661	Amoy	24 26	118 4	4·9	1015·6	1016·2	+ 1·2	294·6	301·3	27th,29th	290·2	285·2	8th	292·4	292·3	- 0·1	322	+196
662	Taihoku, Formosa	25 2	121 31	9·3	1013·9	1015·0	+ 0·9	297·6	305·3	29th	290·8	284·9	4th	294·2	293·8	+ 0·2	596	+425
663	Baköo	20 28	121 59	18·7	..	1012·5	+ 1·4	302·5	305·0	17,22,30	297·4	293·4	8th	299·9	299·5	+ 0·5	27	-78
664	Naha	26 12	127 39	29·5	1012·3	1015·7	+ 1·2	296·2	300·7	28th	291·0	286·4	2,7,10	293·6	293·6	- 0·3	139	-24
665	Ititsima(Bonin Islands)	27 5	142 11	4·3	1016·0	1016·5	+ 0·7	296·9	300·3	28th	291·6	287·4	10th	294·3	294·1	+ 0·6	70	-50
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

APRIL - ZONE 7.

716	¢Colima	19 12	103 45	498	956·8	1012·5	+ 1·1	307·0	309·0	4th	289·0	286·3	2nd	298·0	297·0	- 0·4	0	0
716	¢Morelia	19 42	101 7	1923	809·0	1007·9	+ 0·6	297·7	299·8	1st	284·5	282·2	16th	291·1	291·3	- 0·5	1	- 8
717	¢Mexico, Tacubaya	19 24	99 12	2309	774·3	..	+ 0·1	298·8	302·5	2nd	280·5	277·5	11th	289·7	288·7	- 1·1	16	- 4
718	Salina Cruz	16 12	95 12	56	1004·6	1011·0	- 0·5	303·3	306·5	18th	294·8	291·0	7th	299·1	299·3	- 1·2	0	- 7
719	San Salvador	13 42	89 13	682	936·8	1011·9	+ 0·1	309·0	312·8	29th	292·1	288·0	24th	300·5	297·8	+ 0·5	43	-15
720	Belize	17 31	88 11	5·2	1013·0	1013·6	+ 0·1	302·5	303·8	27th	296·7	289·4	1st	299·6	299·2	+ 0·3	48	- 9
721	Jamica (Negril Pt.)	18 15	78 23	10·1	..	1013·0	- 0·8	303·7	306·7	28th	295·6	293·6	5th	299·7	299·4	+ 1·1	58	-16
722	Fort au Prince	18 33	72 20	37·4	1009·2	1013·5	- 1·2	304·8	309·0	3rd	295·5	294·0	22nd	300·2	299·4	+ 0·3	445	+281
723	Curacao	12 10	68 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·5	1014·5	- 1·4	301·2	304·7	16th	295·9	294·1	14th	298·6	298·3	+ 0·8	211	+113
725	Grenada (Richmond Hill)	12 5	61 46	188	992·7	1014·0	+ 1·1	303·9	306·3	13th	296·2	294·7	11th	300·1	299·7	+ 1·0	63	+ 8
726	Barbados	13 8	59 36	57·9	..	1013·5	- 0·8	303·6	304·7	24th	295·8	294·4	3rd	299·7	299·6	+ 0·8	35	- 5
727	São Vicente, C.Verde Is.	16 54	25 4	11	1014·0	1015·3	+ 0·8	297·1	298·0	6th	293·9	292·5	sev.dates	295·5	295·4	+ 0·4	..	..
728	San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
729	Bathurst (Cape St. Mary)	14 40	17 26	32	1007·7	1011·4	..	301·6	306·3	1st	291·7	290·6	13th	296·7	296·6	+ 0·7	0	- 1
730	Hildenhall	13 29	16 40	15·9	..	..	..	300·1	301·9	5th	293·7	290·8	1st	296·9	296·7	- 0·8	0	0
731	Kabara	12 57	7 26	300	..	..	..	313·3	316·0	sev.dates	297·6	291·0	6th,9th	305·5	305·1	..	6	..
732	Sokoto	16 45	W. 3 1	273	..	..	..	314·3	319·0	30th	296·9	293·0	sev.dates	305·6	305·5	..	10	..
733	Kaduna Capital	13 2	E. 5 14	354	..	..	..	314·5	317·4	15th	299·3	294·1	1,4,6	306·9	306·5	+ 0·8	3	- 7
734	Bilma	10 32	7 25	597	..	..	..	..	..	..	..	..	..	..	..	..	0	..
735	Maidugiri	18 41	12 55	356	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	El Fasher	11 47	13 11	361	..	..	..	315·7	317·4	7th,8th	..	..	..	..	..	..	..	..
737	El Obeid	13 32	25 18	730	926·0	1004·8	..	313·7	317·0	10th	289·0	283·5	15th,16th	301·3	300·5	0·0	0	- 1
738	Khartoum	13 11	30 14	563	944·8	1005·9	- 0·1	313·2	316·5	28th	291·3	285·5	9th	302·3	302·6	+ 0·9	0	- 1
739	Port Sudan	19 37	32 33	390	963·6	1006·1	- 0·2	312·9	317·2	10th	295·5	290·4	14th	304·2	304·8	+ 0·6	0	0
740	Berbera, Somaliland	19 37	37 13	5·5	1009·0	1009·6	- 0·3	305·2	309·2	22nd	294·9	290·7	2nd	300·1	300·0	+ 0·7	0	- 1
741	Aden	12 49	45 2	29·9	1008·1	1011·5	+ 0·6	305·9	308·6	24th	299·3	298·0	2nd	302·0	301·8	+ 0·6	0	-12
742	Bombay	18 54	72 49	11·3	1009·4	1010·7	- 0·1	305·8	307·4	14,21,28	298·6	295·8	3rd	302·2	301·9	+ 0·8	0	- 1
743	Kodaikanal	10 14	77 28	2343	772·7	..	+ 0·9	293·6	295·2	22nd,23rd	284·6	283·0	1st,2nd	289·1	289·2	+ 1·2	156	+49
744	Bangalore	12 58	77 35	921	910·7	1009·4	+ 0·6	308·3	311·3	30th	295·0	292·4	14th	301·7	301·0	+ 1·4	3	-31
745	Madras	13 4	80 15	6·7	1009·2	1010·1	0·0	306·7	309·7	7th	298·9	296·3	14th	302·8	302·3	+ 0·4	38	+25
746	Vizagapatam	17 42	83 18	38·4	1005·7	1010·1	+ 0·4	305·0	307·4	14th	299·8	297·4	29th	302·4	301·8	- 0·3	31	+13
747	Port Blair	11 40	92 43	18·0	1009·1	1011·2	+ 0·4	307·0	308·6	28th	299·4	298·0	1,2,3	303·2	302·6	+ 0·6	2	-61
748	Rangoon	16 46	96 11	5·5	1010·5	1011·2	+ 0·4	309·9	312·4	17th,18th	297·9	296·3	1st	303·9	302·6	+ 0·9	3	-41
749	Cap St. Jacques	10 20	107 5	180	..	1010·8	..	305·3	308·7	20th	299·0	297·8	9th	302·2	301·7	+ 0·9	7	-23
750	Bhatrang	12 15	109 12	3·6	..	1010·2	..	305·0	306·3	26th	297·4	296·4	12th,18th	301·2	300·7	+ 0·9	44	+22
751	Bolinao	16 23	119 53	2	..	1010·5	+ 1·6	307·5	310·2	22nd	297·9	296·0	5th	302·7	302·3	+ 0·8	0	-35
752	Vigan	17 34	120 23	12·2	..	1010·3	+ 1·2	306·7	309·0	25th	299·0	296·1	4th	302·9	302·2	+ 0·9	0	-17
753	Manila	14 35	120 59	14·2	..	1011·2	+ 1·3	307·7	309·8	19th	296·6	294·9	21st	302·1	301·5	+ 0·4	37	+ 5
754	Ormoc	11 0	124 36	5·6	..	1009·8	+ 1·0	306·4	307·7	19th,25th	294·8	291·9	3rd	300·6	300·5	+ 1·0	36	-39
755	Guam, Ladrone Is.	13 24	144 38	18·6	..	1011·3	+ 1·8	304·3	305·6	3rd	297·9	296·8	6th	301·1	301·1	+ 0·7	40	-11
756	Saipan	15 14	145 46	207	990·0	1010·3	..	301·1	301·6	23rd	295·8	294·8	9th	298·5	298·2	..	55	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

APRIL - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean ⊕	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	ins.	ins.
805	Fanning Island	3 54	159 23	5·3	1009·7	1010·3	- 0·5	305·0	305·8	sev.dates	297·3	295·2	28th	301·2	300·7	+ 0·5	188	-190
821	♯Cristobal	9 23	79 54	11·0	..	1010·3	- 0·9	303·7	304·7	30th	299·2	296·9	18th	301·5	301·1	+ 1·2	109	-6
822	Bogota	4 36	74 5	2645	746·6	..	+ 0·7	293·4	296·1	10th	283·7	281·9	2nd	288·5	288·0	+ 0·5	63	-54
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	984·7	1009·2	- 1·6	..	..	..	..	..	..	..	..	..	114	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·8	- 0·8	304·1	305·2	16th	298·3	296·9	11,14,15	301·2	300·6	+ 1·4	32	-32
826	Paramaribo	5 49	55 9	3·7	1011·5	1011·9	- 1·0	304·3	307·1	24th	296·0	293·8	19th	300·1	300·0	+ 1·1	250	+80
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	822	+80
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	♯Freetown, Sierra Leone	8 29	13 14	55·0	1004·0	1010·2	+ 0·5	..	..	..	..	..	..	..	..	..	49	..
835	♯Assuantsi	5 18	1 15	97·3	998·8	1009·9	..	304·8	307·4	24th,25th	296·3	294·1	4th,30th	300·6	299·7	+ 0·2	105	..
836	♯Accra	5 33	W. 0 12	17·7	1007·6	1009·6	- 0·3	304·6	307·4	21st	295·3	294·1	1,12,30	299·9	299·3	+ 0·2	112	..
								304·6	306·3	24th	299·0	294·7	10th	301·8	301·4	+ 1·1		
837	♯Lagos	6 27	E. 3 24	3·0	1009·5	1009·8	+ 0·4	304·6	306·3	5th	298·3	294·7	23rd	301·4	301·1	+ 0·2	182	-58
838	♯Victoria, Nigeria	4 1	9 12	15·5	1008·3	1010·1	..	303·8	306·3	9th,10th	296·4	293·6	2nd	300·1	299·6	+ 1·3	192	-55
839	Yola	9 12	12 30	259	..	..	..	312·4	315·8	4th	299·6	295·8	17th,30th	306·0	305·4	+ 2·5	59	-81
841	Wau	7 42	28 3	440	957·4	1005·1	- 1·5	312·2	315·0	8,16,26	298·1	295·0	15th	305·1	304·1			
843	Malakal (Kodok)	9 35	31 37	394	963·2	1006·0	- 0·7	314·0	315·7	8th	297·2	293·3	14th	305·6	304·6	+ 2·0	3	
843a	Juba	4 53	31 35	475	954·6	1006·9	..	309·2	313·5	2nd	..	..	..	..	300·0	+ 0·8	162	
844	Entebbe	0 5	32 29	1171	..	..	..	299·2	300·8	29th,30th	291·5	289·7	13th	295·3	..	..	321	
844a	Kampala (Kololc Hill)	0 20	32 36	1310	..	..	..	..	..	..	..	..	..	..	..	..	..	
845	Sheikh	9 55	45 15	1463	..	..	..	300·3	301·9	sev.dates	288·4	284·1	2nd	294·3	293·6	..	68	
851	Minicoy	8 18	73 0	2·7	1010·8	1011·1	+ 0·5	305·8	307·4	25th	299·4	296·3	2nd	302·6	302·0	- 0·6	52	
851a	Cochin	9 58	76 14	2·7	1010·7	1011·1	+ 0·5	304·7	306·3	20th,29th	298·9	296·3	14th,26th	301·8	301·2	- 0·3	209	
852	♯Colombo Observatory	6 54	79 52	7·3	..	1009·8	+ 1·2	304·4	305·8	3rd	297·3	295·8	6th,28th	300·9	300·3	+ 0·3	239	
853	♯Nuwara Eliya	6 58	80 46	1881	814·5	1012·5	+ 1·5	294·9	297·0	18th	283·3	279·8	10th	289·1	288·1	+ 0·3	288	
854	♯Trincomalee	8 35	81 15	30·2	..	1008·7	+ 0·8	304·8	308·4	8th	298·5	296·4	14th	301·7	301·1	- 0·9	60	
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	132	
856	Medan	3 35	98 41	25·0	..	1009·8	+ 0·4	304·7	307·0	25th	296·3	293·9	25th	300·5	299·7	+ 0·4	297	
857	Butterworth	5 25	100 22	2·1	..	1008·5	..	305·3	307·4	1st	297·2	295·2	24th	301·3	300·6	..	173	
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·2	+ 0·2	304·7	307·4	21st	297·3	295·2	2nd,4th	300·9	300·0	+ 0·4	48	
859	Sandakan	5 50	118 7	31·7	..	..	..	305·1	306·3	24th	297·4	296·3	4th	301·3	301·4	+ 0·8	17	
860	Iwahig	9 44	118 38	14·3	..	1009·0	+ 0·6	306·3	307·0	19th	296·0	293·8	5th	301·1	301·1			
861	Tagbilaran	9 38	123 51	21·3	..	1009·9	+ 0·8	306·4	308·4	26th	296·7	295·0	17th	301·5	300·8	+ 0·8	36	
861a	Menado	1 30	124 50	8·5	..	..	..	303·4	306·0	22nd	295·4	291·6	8th	299·4	299·0	- 0·1	360	
862	Surigao	9 48	125 29	6·0	..	1010·8	+ 1·4	304·1	305·7	8th	297·1	294·9	3rd	300·6	300·1	+ 0·3	176	
863	Kolonie, Yap	9 29	138 8	29·3	..	1011·1	+ 2·0	303·1	304·5	13th	298·5	297·2	5th	300·8	300·5	+ 0·3	77	
864	Palau	7 20	134 29	31·8	1007·0	1010·6	+ 1·0	303·5	304·6	27th	297·7	296·3	10th	300·6	300·4	+ 0·2	132	
867	Ponape	6 58	158 13	38·9	1005·8	1010·2	..	302·9	303·7	19,20,26	297·8	294·7	2nd	300·3	300·3	..	155	
		N.	E.															

APRIL - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean ⊕	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	ins.	ins.
902	Atafu	8 32	172 31	1·8	..	1009·8	..	303·3	305·1	19th	299·2	297·1	11th	301·2	300·8	..	288	
920	Lambayeque	6 46	80 55	15	1008·4	1010·1	..	305·1	307·0	4th,12th	294·9	291·5	28th	300·0	298·8	..	25	
921	Quito	0 14	78 30	2816	728·3	..	+ 0·3	294·4	296·5	9th	282·6	280·3	8th	288·5	286·9	+ 1·1	206	
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	
934	♯Ascension Island	7 56	W. 14 25	16·8	..	..	..	303·8	304·8	2nd,8th	297·5	296·3	6th,24th	300·7	299·7	+ 0·2	9	
939	Loanda	8 49	E. 13 13	59·3	..	1010·0	- 0·6	302·5	306·8	3rd	297·2	294·2	21st	299·9	299·3	+ 0·4	61	
940	Brazzaville	4 17	15 16	320	..	..	..	304·9	308·0	24th	295·4	293·0	20th	300·1	299·5	+ 0·2	230	
942	Tshibinda	2 19	28 45	2115	..	..	..	294·4	296·0	..	284·3	282·0	..	289·3	289·7	..	229	
943	Masaka	0 20	31 44	1280	..	..	..	299·1	301·9	1,4,8	291·7	290·8	10,17,27	295·4	294·7	..	147	
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·2	1012·9	..	296·3	298·3	23rd	287·2	284·3	22nd	291·7	290·8	+ 0·6	207	
944a	Zanzibar (Town)	6 10	39 12	17·1	1011·5	1013·5	+ 0·3	302·8	305·8	1st	298·8	296·9	9th,12th	300·8	300·2	..	364	
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	..	..	..	..	..	..	..	..	..	..	..	..	64	
947	Seychelles, Port Office	4 37	55 27	4·6	1010·6	1011·0	+ 0·4	304·1	305·2	19th	297·3	296·3	13th	300·7	299·9	+ 0·6	68	
957	♯Padang	0 56	100 22	6·7	..	1011·4	+ 1·3	303·8	305·7	30th	297·0	295·6	1st	300·4	299·9	+ 0·2	370	
958	Batavia	6 11	106 50	8·0	1008·8	1009·7	+ 0·4	304·4	305·8	28th	297·1	295·6	5th	300·8	300·3	+ 0·9	343	
958a	♯Pontianak	0 1	109 20	2·6	..	1010·0	+ 0·3	305·5	308·0	21st	297·8	296·8	23rd	301·7	300·7	+ 0·9	191	
959	Pasuruan	7 38	112 55	5·0	..	1009·5	0·0	304·6	305·8	29th	297·3	296·0	9th	300·9	300·3	+ 0·5	348	
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	..	
962	Amboina	3 42	128 10	4·2	..	1009·6	+ 0·7	303·8	305·7	2nd	298·0	296·9	23rd	300·9	300·2	+ 0·9	348	
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	207	
965	Daru	9 4	143 13	7·6	..	1010·7	+ 0·8	302·7	..	..	..	..	..	..	..	+ 0·2	283	
966	Port Moresby	9 29	147 9	38·4	..	1010·6	+ 0·7	..	..	..	297·4	..	..	300·1	299·7	+ 0·3	136	
											295·8	..	..	..	‡301·3			
967	Rabaul	4 9	152 12	12·5	1007·7	1009·2	+ 1·0	305·7	307·3	8th	296·3	294·8	28th	301·0	300·4	+ 0·4	255	
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·8	305·2	12,14,15	297·9	296·9	10th,27th	300·8	300·5	+ 0·1	243	
970	Ocean Island	0 52	169 35	42·6	1005·6	1010·6	+ 0·4	304·2	306·3	9th	298·6	297·4	24th	301·4	300·7	+ 0·3	119	
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	ins.	ins.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

APRIL - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean ⊕	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	ins.	ins.
1001	Vavau	18 39	173 59	9·1	1013·5	1014·5	..	301·4	303·0	10th	297·5	295·8	30th	299·4	..	..	42	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·9	+ 0·1	303·2	304·8	1st	296·4	295·0	21,25,29	299·8	299·5	0·0	405	+147
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1013·5	+ 0·9	302·5	303·6	10,18,26	295·4	292·4	24th,30th	299·0	298·7	+ 0·3	58	-140
1021	Lisa																	
1022	♯Arica	12 5	77 3	111	998·7	1011·6	..	301·1	304·2	15th	291·2	289·0	29th	296·1	294·7	..	0	..
1023	La Paz, Bolivia	18 28	70 20	5	..	..	..	294·9	296·8	1st	290·2	289·0	sev.dates	292·5	292·8	+ 0·3	0	0
		16 30	78 8	3658	658·4	..	- 0·1	292·1	295·7	11th	278·1	276·1	21st	285·1	283·7	+ 0·8	43	+ 7
1025	Corumba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1027	Bello Horizonte	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1028	Chettite	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1029	Cachina (Bahia)	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1030	Aracaju	10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1095	♯St. Helena	15 57	W. 5 40	579	947·3	1014·0	+ 1·0	292·9	294·7	9th,12th	288·9	287·4	29th,30th	290·9	291·1	0·0	111	+29
1099	Mossamedes	15 12	E. 12 9	12·5	1010·5	1012·0	..	..	306·2	24th	..	286·4	28th	..	..	..	7	-18
1101	Livingstone	17 51	25 51	972	907·8	1013·1	..	304·7	310·2	28th	289·7	283·0	25th	297·2	..	+ 1·6	6	-31
1102a	♯Elisabethville	11 39	27 28	1230	876·7	1008·5	- 1·1	301·2	303·3	26th,27th	287·6	282·3	30th	294·4	..	+ 0·6	37	- 7
1102	Gwelo	19 26	29 45	1411	864·6	1016·2	..	298·2	303·0	18th,19th	286·0	278·6	30th	292·1	..	+ 0·6	42	+23
1103	♯Salisbury (Dept. Agric.)	17 48	31 5	1489	855·6	1015·1	+ 0·6	298·3	303·0	20th	286·3	280·2	24th,25th	292·3	291·5	+ 0·6	13	-12
1104	Zomba	15 23	35 18	955	908·0	1012·2	0·0	297·7	300·8	2nd	290·2	285·2	24th,25th	293·9	293·3	+ 0·2	156	+63
1105	Mossuril	14 578	40 40	15	..	1013·4	..	304·6	306·9	1st	295·8	293·1	27th	300·2	300·2	..	118	..
1105	Antsenanarivo	18 55	47 33	1375	865·8	1013·4	+ 0·7	299·1	301·9	4th	288·2	286·4	10th,11th	293·7	292·3	+ 1·0	65	+15
1247	Cocos, Keeling Is.	12 5	96 53	4·6	1010·4	1011·0	- 0·2	303·2	304·8	2nd,4th	299·0	297·3	21st	301·1	300·7	+ 0·7	357	+109
1248	♯Christmas Island	10 25	105 43	5·5	1007·8	1008·5	+ 0·5	304·6	306·3	21st	298·1	296·3	3rd	301·3	300·9	+ 0·6	66	-169
1260	Kupang	10 10	123 34	45·1	..	1010·4	+ 0·5	304·8	306·4	27th	296·4	293·7	30th	300·6	300·1	+ 0·7	58	- 6
1261	Derby	17 18	123 40	16·2	1009·7	1011·5	0·0	307·3	310·3	10th	296·6	292·4	23rd	301·9	..	+ 0·3	39	- 2
1262	Gall's Creek	18 13	127 46	373	970·8	1012·1	- 0·2	306·1	308·6	2nd,29th	290·1	284·3	22nd	298·1	297·6	- 0·3	3	-17
1263	Darwin	12 28	130 51	29·6	1006·0	1009·3	+ 0·2	306·3	308·0	10th	297·7	296·0	21st,22nd	302·0	300·8	+ 0·1	39	-64
1264	Daly Waters	16 16	133 23	211	986·9	1010·6	0·0	306·2	308·6	13,15,24	291·9	286·3	22nd,23rd	299·1	298·6	- 0·7	21	- 5
1265	Palmerville	15 56	144 8	210	986·6	1010·0	0·0	306·2	309·0	1st,2nd	293·6	289·7	19th	299·9	..	+ 1·0	109	+53
1266	Georgetown, Queensland	18 22	143 32	302	978·1	1011·5	- 0·5	307·5	310·1	1st	293·7	286·9	26th	300·6	..	+ 2·1	3	-29
1267	Willis Island	16 18	149 59	8·5	1009·8	1010·9	+ 0·3	302·0	304·6	3rd	297·7	296·3	7th	299·9	299·9	+ 0·5	205	+27
1269	Samarai																	
1270	Suva, Fiji	10 37	150 40	6·1	..	1010·8	+ 1·2	..	..	..	297·3	..	..	..	..	..	107	-149
		18 8	178 26	6·1	1010·5	1011·2	+ 0·8	302·3	304·7	9th	296·7	295·2	23rd	299·5	299·2	+ 0·6	212	-98
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

APRIL - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean ⊕	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	ins.	ins.
1301	Nukualofa, Tonga	21 8	175 12	3·0	1015·0	1015·3	..	301·9	304·1	14th	294·8	290·2	20th	298·4	..	..	27	..
1302	Savonga (Avarua)	21 12	159 46	6·1	..	..	..	300·9	303·0	10th,25th	293·8	291·3	29th,30th	297·4	297·1	- 0·3	99	-83
1303	Puerto Tortuga, Coquimbo	29 55	71 22	25	1011·9	1014·7	- 0·8	291·8	293·4	7th	286·1	284·5	29th	288·9	288·8	+ 0·8	29	+28
1304	Antofagasta	23 42	70 24	94	1001·2	1012·3	- 3·1	295·0	297·5	1st,4th	288·2	285·0	26th	291·6	291·1	+ 0·7	0	0
1305	Catamarca	28 29	65 47	528	..	..	..	..	..	..	..	..	..	..	..	..	11	- 7
1306	Salta	24 46	65 24	1173	883·2	1011·9	+ 0·1	295·8	302·1	8th	283·9	277·8	25th	289·8	289·8	- 0·8	2	-29
1307	Goya	29 9	59 15	37	1010·4	1014·8	+ 0·9	298·5	304·4	6th	287·0	281·2	12th	292·8	292·1	- 0·7	189	+70
1308	Asuncion	25 17	57 41	139	1000·2	1016·3	+ 2·9	300·5	308·8	8th	290·8	285·0	2nd	295·6	295·0	- 0·3	201	+55
1309	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1310	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1311	♯Stellenbosch	22 34	E. 17 6	1727	831·9	1014·6	..	298·3	301·6	18th	283·7	278·8	21st	291·0	290·5	- 0·9	..	..
1312	Observatory	29 36	17 52	933	913·0	1017·8	+ 1·2	295·6	303·7	30th	282·9	278·4	13th	289·3	288·9	- 2·8	9	- 7
1313	Kimberley	28 44	24 46	1218	883·2	1017·6	+ 0·7	295·7	304·1	7th	283·4	276·9	21st	289·6	289·3	- 1·0	25	-10
1314	Johannesburg	26 11	28 4	1806	825·6	1018·7	0·0	292·7	298·8	7th	282·5	274·2	21st	287·6	287·3	- 1·0	100	+56
1315	Bulawayo	20 9	28 35	1349	870·7	1016·4	+ 0·3	299·3	305·1	19th	286·3	280·1	24th	292·8	292·1	+ 1·0	7	-12
1316	Durban	29 52	31 3	15·2	1016·7	1018·5	- 0·3	298·3	302·4	7th	291·4	286·3	20th	294·9	294·3	+ 0·1	56	-30
1317	Lourenço Marques	25 58	32 36	59·5	..	1017·3	- 0·3	301·1	307·9	8th	291·5	287·1	24th	296·3	295·7	- 0·1	32	-15
1318	Mauritius	20 6	57 33	55·2	1009·2	1015·5	+ 1·6	301·0	302·5	5th	294·8	291·7	29th	297·9	297·5	+ 0·4	182	+52
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

APRIL - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1010·6	1011·1	- 0·6	304·9	309·8	2nd	294·5	291·9	11th,12th	299·7	..	+ 0·1	24	-20
1160	Cue	27 27	117 52	454	962·8	1014·0	- 1·0	300·2	307·3	9th	288·2	282·2	24th	294·2	..	- 1·4	35	-13
1161	Nullagine	21 53	120 5	386	..	..	..	305·2	308·8	5th,10th	291·3	287·4	9th	298·2	..	+ 0·3	36	+10
1162	Laverton	28 40	122 23	466	963·6	1016·5	- 1·1	298·1	307·1	11th	286·2	279·1	30th	292·1	*292·1*	- 1·6	13	-13
1163	Alice Springs	23 38	133 37	587	949·5	1015·7	0·0	298·2	305·6	13th	284·9	280·2	10th	291·6	*292·8*	- 1·5	17	-10
1164	William Creek	28 55	136 21	76·2	1010·1	1018·9	+ 0·7	297·8	303·5	4th	284·5	281·6	10th	291·1	*290·8*	- 1·7	0	-19
1164a	Boulia	22 55	139 38	146	995·5	1012·0	- 1·4	303·7	310·2	1st	290·6	284·0	6th	297·1	*297·3*	+ 0·1	22	-10
1165	Thargomindah	27 58	143 43	123	1001·3	1015·6	- 0·6	299·0	305·4	1st	288·3	282·0	4th	293·7	*293·6*	- 0·8	13	-16
1166	Mitchell	26 32	147 52	336	977·3	1015·9	- 0·2	299·6	305·8	1st	283·8	277·8	10th	291·7	..	- 0·6	13	-16
1167	Rockhampton	23 24	150 30	11·3	1012·9	1014·3	- 1·2	302·8	307·4	2nd	291·0	287·2	23rd	296·9	*296·1*	+ 0·2	13	-16
1168	Brisbane	27 28	153 2	41·8	1012·0	1016·4	- 1·2	298·8	305·2	2nd	289·1	286·4	22nd	293·9	*293·5*	- 0·4	92	+41
1170	Norfolk Island	29 4	167 59	14·9	1016·5	1018·4	+ 1·2	296·4	300·6	3rd	292·2	288·6	1st	294·3	*293·9*	+ 0·7	167	+71
		S.	E.															

APRIL - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	◊Juan Fernandez	33 37	78 52	6	1016·6	1017·3	- 0·8	293·3	294·9	6th	287·8	283·1	30th	290·5	*290·2*	+ 0·4	40	-20
1221a	Punta Tumbes	36 37	73 6	120	1002·1	1016·6	+ 1·0	288·3	291·2	9th,21st	283·2	280·0	25th	285·7	*285·4*	- 0·5	162	+81
1222	◊Punta Angeles, Valparaiso	33 1	71 38	41	1010·2	1015·1	- 0·3	293·1	299·6	12th	284·5	280·0	19th	288·8	*288·3*	+ 0·6	8	-13
1222a	Santiago	33 27	70 42	520	954·4	1014·8	- 0·3	294·1	300·0	23rd	281·9	276·9	29th	288·0	*288·8*	- 0·4	47	-13
1223	Cordoba	31 25	64 12	423	965·2	1014·2	+ 0·1	296·7	304·8	10th	282·5	276·4	17th	289·6	*289·2*	- 0·5	15	-28
1224	Bahia Blanca	38 45	62 16	28·7	1012·1	1015·5	+ 1·0	293·8	299·1	4th	281·6	272·9	12th	287·7	*287·3*	- 1·0		
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·1	1016·1	+ 0·1	294·1	302·7	10th	284·6	276·6	12th	290·5	*289·2*	- 0·1	115	+57
1226	Montevideo (Prado)	34 52	56 12	24·9	1013·5	1016·9	+ 1·4	293·8	302·8	10th	284·9	276·5	13th	289·4	*289·2*	- 1·2	87	+31
1226a	Porto Alegre	30 2	W. 51 13	23·5	1012·4	1015·2	- 0·8	296·9	302·2	8th	288·5	280·8	13th	292·7	*292·5*	- 0·9	99	+43
1239	Cape Town	33 56	E. 18 29	12·2	1017·4	1018·9	+ 2·8	294·1	301·8	22nd	285·2	279·7	29th	289·7	*287·9*	- 0·6	97	+46
1240	◊Danger Point	34 37	19 18	27·7	..	..	..	291·2	302·4	23rd	285·1	281·9	13th	288·2	..	- 1·2	62	+11
1240a	Klaver	31 47	18 37	41·8	1014·5	1019·4	+ 1·5	298·4	309·7	3rd	285·8	281·2	9th	292·1	..	- 1·7	65	+11
1241	◊Riversdale	34 6	21 16	105	..	..	..	298·2	306·9	4th	282·8	278·0	21st	290·5	..	- 0·9	83	+31
1242	East London	33 1	27 54	45·4	1012·5	1017·9	+ 1·0	295·4	298·0	5th,7th	287·3	283·0	9th	291·3	..	- 0·5		
1259	Perth (Observatory)	31 57	115 51	60·0	1010·2	1017·1	- 1·3	296·6	304·9	4th	286·9	278·7	24th	291·8	*291·6*	- 0·5	101	+33
1260	Katanning	33 42	117 35	310	981·0	1017·1	- 1·4	295·5	303·4	5th	283·9	275·8	29th	289·7	..	+ 0·3		
1261	Coolgardie	30 57	121 10	423	968·9	1017·4	- 0·8	297·5	306·9	9th	284·4	278·6	26th	290·9	*290·9*	- 0·6	12	-13
1262	Eucla	31 45	128 58	4·6	1017·2	1017·7	- 1·1	295·7	308·6	12th	286·2	280·2	26th	290·9	*290·4*	- 0·9	5	-20
1263	Streaky Bay	32 48	134 13	13·1	1018·8	1020·2	+ 0·1	295·9	302·6	11th	284·8	280·4	3rd	290·3	*289·7*	- 0·6	42	+17
1264	◊Adelaide	34 56	138 35	42·7	1015·6	1020·8	+ 0·9	296·1	305·6	13th	284·4	281·2	4th	290·3	*289·9*	- 0·4	23	-1
1265	Melbourne	37 49	144 58	35·1	1016·6	1020·9	+ 1·4	291·7	298·2	12th	282·0	279·2	22nd	286·9	*286·6*	- 1·4	72	+41
1266	Bourke	30 13	145 58	110	1006·9	1019·8	+ 0·7	297·3	303·0	13th	285·3	279·7	9th	291·3	..	- 2·1	40	+11
1267	Sydney	33 51	151 13	42·1	1013·7	1018·7	+ 0·3	294·3	300·0	2nd	287·7	282·7	3rd	291·0	*290·3*	- 0·2	184	+86
1268	Lord Howe Island	31 20	159 0	4·9	1016·5	1017·0	- 1·6	296·3	299·1	1st	290·4	286·1	7th	293·4	..	+ 0·1	243	+116
1271	Auckland	36 51	174 48	40·8	..	1018·8	+ 0·4	292·3	297·2	3rd	285·8	280·2	14th	289·1	..	- 0·1	228	+94
1272	Napier	39 29	176 55	1·5	..	..	..	291·2	298·0	10th	282·9	275·8	24th	287·1	..	- 0·8	54	-8
		S.	E.															

APRIL - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	◊Chatham Island	43 52	176 42	45·7	..	1015·4	+ 0·9	..	..	..	..	..	..	..	..	..	335	+142
1321	Isla Guafo	43 34	74 45	140	997·5	1014·3	+ 0·3	285·8	290·2	29th	282·1	279·5	27th	283·9	*283·8*	+ 0·6	142	+50
1322	Punta Galera	40 1	73 44	40	1010·5	1015·4	- 0·2	287·2	291·0	16th	281·4	276·5	11th,30th	284·3	*284·4*	- 0·5	2	-93
1323	Sarmiento	45 33	69 1	272	979·3	1011·8	+ 1·5	290·6	300·3	3rd	277·6	270·6	12th	284·1	*283·6*	0·0	13	-82
1324	Puerto Madryn	42 46	W. 65 2	14	1012·0	1013·7	+ 2·1	292·3	302·5	4th	278·6	271·8	11th	285·4	*286·6*	- 0·3		
1365	Launceston	41 27	E.147 10	81·1	1010·9	1020·6	+ 4·7	291·2	295·2	12th	279·9	273·6	3rd	285·6	*284·8*	+ 0·1	59	-46
1366	Hobart	42 53	147 20	53·9	1013·2	1019·7	+ 5·0	289·2	295·3	13th	281·3	276·1	17th	285·3	*284·5*	- 0·6	46	-59
1369	Invercargill	46 25	168 21	3·7	..	..	..	286·7	293·6	2nd	278·2	272·4	14th	282·4	..	- 1·2	47	-11
1370	Alexandra	45 15	169 24	159	..	..	..	288·6	294·7	18th	279·7	274·6	14th	283·7	..	- 0·8	50	-23
1371	Dunedin	45 52	170 31	6·1	..	1017·6	+ 2·4	287·8	293·4	1st	279·7	274·6	24th	284·2	..	- 1·3	23	-46
1371a	Christchurch	43 32	172 39	7·6	..	1017·2	+ 1·9	288·7	296·3	2nd	279·7	274·6	24th	284·2	..		142	+72
1372	Wellington	41 16	174 46	128	..	1018·0	+ 0·4	288·2	292·1	19th	283·0	278·1	23rd	285·6	285·1			
		S.	E.															

APRIL - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	998·6	1005·3	+ 4·1	282·7	285·0	6th,7th	278·8	275·5	9th	280·7	*281·0*	+ 0·9	224	+17
1422	Magallanes	53 10	70 54	28	1002·6	1006·0	+ 4·7	283·0	289·2	1st	277·6	275·0	15th	280·3	*280·1*	+ 0·6	39	-17
1423	Punta Dungeness	52 24	68 26	5	1004·9	1005·3	+ 4·6	283·6	288·6	4th	278·5	276·0	5th,16th	281·1	*280·9*	+ 0·6	53	-3
1424	Santa Cruz	50 1	68 31	13	1006·9	1008·5	+ 4·3	286·9	295·2	1st	278·1	269·2	12th	282·5	281·9	+ 0·1		
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1008·2	+ 6·8	282·4	287·4	3rd	275·4	271·9	13th	278·9	..	- 0·1	56	-20
1426	Cape Pembroke	51 41	57 42	21·3	1004·9	1007·5	+ 6·7	281·9	286·9	1st	276·4	272·4	26th	279·2	*279·6*	- 0·1	90	+14
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	997·9	998·4	+ 2·5	278·7	288·2	6th	272·8	263·2	27th	275·7	*275·1*	- 0·3		
		S.	W.															

APRIL - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43	W. 44 47	7	995·0	995·9	+ 4·9	271·1	277·8	3rd	264·6	248·0	25th	267·8	268·6	- 1·3	24	-8
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, MAY 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

MAY - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1147	Cala Bay	80 20	52 48	5·9	1013·1	1013·9	..	..	273·3	..	..	254·1	..	..	263·7	*.*	4	..

BETWEEN LATITUDE 80° N. AND 70° N.

MAY - ZONE 1.

1201	Wrangell Island	N. 70 58	W. 178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1205	Barrow	71 23	156 17	4·6	..	1020·0	+ 1·0	269·5	278·6	20th	262·3	248·0	1st	265·9	..	+ 0·3	0	- 3
1221	Pond Inlet	72 43	78 30	4·0	..	1021·2	..	268·9	278·0	30th	258·9	245·8	1st	263·9	*264·6*	..	..	..
1225	Upernivik	72 47	56 7	19·2	1017·4	1019·8	+ 3·8	273·9	281·2	30th	268·3	263·2	14th,20th	271·1	*271·2*	+ 2·2	5	- 9
1231	Wygdbukta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1235	Scoresbysund	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1239	Jan Mayen	70 29	21 58	16·9	1020·7	1021·8	..	271·2	275·4	21st	263·9	257·9	9th	267·5	*267·9*	..	..	..
1240	Svalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	1017·8	1020·7	+ 5·2	..	279·0	20th	270·9	266·6	17th	..	*272·5*	- 0·1	7	- 8
1241	◊Björnöen	78 13	E. 15 38	53·0	1010·3	1017·1	+ 0·9	..	274·9	23rd	267·0	263·0	18th	..	*268·5*	..	4	..
1242	Ringy	74 28	19 17	29·2	1013·0	1016·8	+ 2·6	..	277·4	17th	269·5	265·4	10th	..	*271·1*	- 0·2	3	-21
1243	Sletnes	71 4	24 6	4·3	1015·1	1015·6	+ 1·5	..	283·2	17th	274·3	269·8	10th	..	*276·0*	- 0·2	47	+13
1245	Wardö	71 5	28 14	10·2	1014·6	1015·9	+ 2·0	..	285·3	23rd	273·7	269·4	10th	..	*275·6*	..	59	..
1248	Malye Karmakouly	70 22	31 5	12·1	1014·1	1015·6	+ 1·1	..	289·5	23rd	273·8	269·6	10th	..	*275·9*	+ 1·1	25	-11
1250	Svalgatch	72 23	52 44	15·3	1010·2	1012·1	- 1·7	..	282·7	..	..	259·5	..	..	*259·3*	+ 1·1	16	+ 3
1251	Cape of Desire (Zhelanya)	70 24	58 48	11·2	1010·7	1012·1	- 1·2	270·5	279·0	..	264·9	251·7	..	267·7	*267·7*	+ 0·6	7	- 1
1260	Wilkson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1262	Souloune	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		73 30	80 23	13·0	1006·6	1008·3	- 4·6	268·5	275·2	..	263·1	249·0	..	265·8	*265·4*	+ 1·0	10	+ 4
		70 45 N.	127 47 E.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

MAY - ZONE 2.

201	Frenobrajenye	N. 64 52	W. 175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	273·3	279·1	16th	267·6	261·9	12th	270·4	..	..	7	..
204	Nome	64 30	165 24	6·7	1010·5	1011·2	- 0·6	276·9	283·6	14th	270·1	266·3	2nd	273·5	*273·9*	- 0·9	15	- 5
207	Bethel	60 45	161 47	11·6	..	1010·5	+ 1·4	281·6	286·3	7th,8th	271·9	268·6	3rd,4th	276·7	..	- 0·2	35	+14
209	Tanana	65 10	152 6	69·5	1003·0	1011·2	- 0·6	282·7	293·0	19th	271·7	263·0	2nd	277·2	*276·8*	- 2·6	16	- 5
211	Rampart	65 30	150 15	114	..	..	..	280·9	294·7	19th	270·1	259·7	2nd	275·5	..	- 4·6	4	- 8
214	Walker Lake	61 7	146 16	122	..	..	..	278·8	286·3	23rd	273·8	270·8	31st	276·3	..	..	99	..
216	Eagle	64 46	141 12	250	979·0	1009·8	- 1·4	284·7	293·0	21st	270·6	256·3	3rd,4th	277·7	*277·4*	- 2·4	20	- 1
217	Dawson	64 4	139 29	324	972·1	1011·4	..	283·9	291·3	20th	272·4	263·0	1st,3rd	278·2	*278·1*	- 2·7	13	-10
218	Aklavik	68 14	134 50	7·6	1015·1	1016·1	..	276·3	289·7	20th	266·9	249·7	2nd,3rd	271·6	*271·4*	..	9	..
220	Fort Good Hope	66 15	128 38	65·2	1009·9	1018·0	..	282·3	294·1	28th	269·2	256·3	3rd,4th	275·8	*276·8*	- 0·4	6	-12
221	Fort Simpson	61 52	121 15	126	997·9	1013·5	..	284·7	296·9	29th	273·0	259·1	8th	278·8	*278·4*	- 0·9	52	+16
224	Hay River	60 51	115 57	161	993·9	1013·9	..	281·3	298·0	29th	270·7	260·8	3rd	276·0	*275·9*	- 1·1	22	+ 1
225	Coppermine	67 49	115 10	4·6	1017·8	1018·4	..	271·2	289·7	29th	263·2	249·7	3rd	267·2	*267·3*	..	18	..
227	Chesterfield	63 45	91 50	4·0	1016·9	1017·4	..	269·2	274·7	12th,29th	262·7	251·9	5th,7th	265·9	*266·1*	- 0·9	..	..
228	Nottingham Island	63 7	77 56	16·5	1012·0	1014·1	..	272·9	278·0	27th	268·2	259·7	8th	270·5	*270·5*	..	..	..
230	Hope's Advance	61 5	69 33	73·2	1001·3	1010·7	..	271·8	275·2	27th,28th	267·4	263·0	7th,8th	269·6	*269·3*	..	15	..
231	Resolution Island	61 18	64 53	38·7	1008·1	1013·0	..	273·1	276·3	2nd	269·7	266·9	22nd,23rd	271·4	*271·6*	..	63	..
233	Jacobshavn	69 13	51 2	31·6	1011·0	1015·0	+ 0·8	276·1	282·7	31st	271·5	267·2	14th,15th	273·8	*274·3*	+ 1·6	5	- 9
237	Godthaab	64 10	51 43	20	..	..	..	281·5	289·6	30th	273·4	270·0	16th	277·5	*276·4*	+ 2·7	5	-37
238	Ivigtut	61 12	48 10	30·0	1009·1	1012·8	+ 1·0	283·7	290·4	30th	274·9	272·2	17th	279·3	*279·5*	+ 2·0	67	-24
239	Angmagssalik	65 36	37 33	29·3	1016·6	1020·3	+ 4·8	277·7	283·5	21st	271·0	268·4	16th,18th	273·9	*273·8*	- 0·2	22	-34
240	Stykkisholm	65 5	22 46	25	..	1016·7	+ 3·1	282·2	286·9	20th	274·9	268·9	17th	278·5	*278·6*	+ 1·3	3	-32
241	Westmanno	63 24	20 17	122	..	1015·6	+ 2·9	281·8	286·5	26th	277·1	273·1	3rd	279·5	*279·3*	+ 0·6	11	-69
242	Grimsey	66 33	18 1	22	..	1018·8	+ 4·1	278·1	282·2	21st	..	..	..	..	*275·7*	+ 1·0	0	-14
243	Akureyri	65 41	18 5	7	..	1018·2	+ 3·5	280·6	286·4	20th	274·7	270·4	18th	277·7	*278·1*	- 0·5	0	..
245	Teigarhorn	64 41	14 22	18	..	1017·1	+ 3·2	282·7	289·3	8th	275·2	270·8	17th	278·9	*278·0*	+ 0·8	22	-49
246	Hjalte	62 3	6 45	22·9	1009·2	1012·0	- 2·4	282·0	286·0	26th	277·8	274·6	18th	279·9	*279·8*	- 0·1	68	-17
248	Lerwick	60 8	W. 1 11	18·0	..	1009·7	- 4·0	283·1	287·4	27th	279·7	274·7	1st	281·4	*281·4*	+ 1·1	70	+17
250	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1006·6	1012·0	- 1·8	287·7	295·9	28th	280·8	276·3	1st	284·3	*283·7*	+ 1·6	131	+42
251	Aalesund	62 28	6 10	6·3	1012·2	1013·0	- 1·0	..	290·6	4th	279·6	275·6	19th	..	*282·0*	+ 1·2	51	-10
252	Trondheim	63 26	10 25	59·2	1006·8	1014·0	- 0·7	286·5	294·6	25th	278·6	272·5	10th	282·5	*282·5*	+ 1·8	55	+16
253	Bodö	67 17	14 26	17·0	1013·1	1015·1	+ 1·1	..	289·7	23rd	277·0	270·2	10th	..	*280·2*	+ 1·4	75	+24
254	Hernösand	65 50	24 9	9·2	1014·2	1015·3	+ 1·0	284·0	293·0	26th	274·9	270·0	11th	279·5	*279·3*	+ 2·0	19	-12
255	Haparanda	65 50	24 57	11·7	1014·9	1016·5	+ 1·1	288·0	295·2	28th	279·5	272·9	10th	283·7	*283·5*	+ 2·7	50	+ 5
256	Kuopio	62 55	27 40	233	988·6	1016·8	+ 2·1	286·8	295·1	18th	277·9	269·6	11th	282·3	*282·3*	+ 2·1	45	+ 4
258	Enontekis	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
259	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
260	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Ust-Tsylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Troitsk	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		°N.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1010·0	1011·7	- 2·2	270·8	279·5	..	264·7	250·2	..	267·7	268·2	+ 0·3	5	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiskhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

MAY - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

302	St. Paul Island	N. 57 15	W. 170 10	5·8	..	1011·8	+ 2·2	276·8	280·2	23rd	272·6	269·7	1,12,13	274·7	..	+ 0·3	79	..
303	◊Dutch Harbor	53 55	166 30	4·0	1011·2	1011·8	+ 3·5	281·3	286·3	21st	274·7	273·0	10th,12th	278·0	277·6	+ 0·2	99	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	16	..
306	Kodiak	57 48	152 22	4·6	1008·4	1009·1	+ 0·2	281·9	286·3	22nd,23rd	273·6	271·3	23rd,29th	277·7	..	- 0·5	132	..
								283·6	291·9	22nd	276·1	272·4	4th	279·8	279·3	+ 0·7		
309	Sitka	57 3	135 19	19·8	..	..	..	285·9	293·6	22nd	277·7	273·0	13th	281·8	..	+ 0·6	184	..
310	◊Prince Rupert	54 18	130 18	51·8	1010·8	1017·2	+ 1·7	285·8	294·7	21st	278·7	273·0	19th	282·3	282·2	+ 0·3	214	..
311	Prince George	53 50	122 48	570	947·3	1014·4	..	290·4	298·6	31st	275·1	268·0	22nd	282·7	282·6	+ 0·4	57	..
312	◊Kamloops	50 41	120 20	385	971·2	1016·2	+ 0·2	294·4	302·4	11th	282·2	276·9	10th	288·3	288·4	+ 0·9	15	..
313	Calgary	51 2	114 2	1058	888·9	1008·5	- 3·1	289·9	300·8	13th	275·9	268·6	22nd	282·9	283·0	+ 0·4	14	..
314	Fort Smith	60 0	111 52	207	988·1	1012·9	..	285·5	296·3	11th	273·3	263·0	4th	279·4	279·4	- 0·5	26	..
315	Prince Albert	53 10	105 45	436	960·7	1012·4	- 1·5	291·2	304·7	13th	275·3	262·4	6th	283·3	283·3	+ 0·5	10	..
316	Qu'Appelle	50 31	103 56	654	936·5	1012·3	- 1·0	292·1	308·0	14th	274·8	264·1	20th	283·4	283·7	- 0·3	3	..
317	Minnedosa	50 15	99 50	515	952·2	1012·9	- 0·7	290·8	305·8	14th	274·8	263·6	6th	282·8	282·7	- 0·1	9	..
318	Berens River	52 18	97 2	219	..	..	..	287·8	296·9	14th,16th	275·2	266·3	5th	281·5	..	+ 2·4	..	..
319	Pagwa	50 3	85 18	189	..	..	..	288·7	300·8	31st	273·1	263·6	1st,7th	280·9	..	- 2·1	72	..
320	Moose Factory	51 14	80 30	9·1	1010·7	1011·8	..	280·7	299·7	28th	272·1	261·9	1st	276·4	276·4	- 2·3	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	?278·0	?293·6	28th	?269·7	?260·8	4th	?273·8	..	- 1·8	69	..
322	Mistassini Post	50 30	73 55	383	..	..	..	285·6	299·1	28th	273·4	266·3	1st,18th	279·5	..	+ 0·9	..	..
323	Fort Chimo	58 10	68 10	15·2	1010·7	1012·6	..	278·9	286·9	27th	270·6	265·8	13th	274·7	274·7	- 0·1	46	..
324	Nateshkwan	50 14	61 48	6·1	..	..	..	284·2	293·6	23rd	274·9	269·7	5th	279·5	..	+ 1·9	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 32	††17 16	§ (34)	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1005·4	1007·0	- 8·5	286·9	290·9	282·3|+0·2 27th	..	..	..	..	281·7	0·0	112	..
335	Aberdeen	57 10	W. 2 6	26·0	1006·8	1010·0	- 4·7	285·4	289·3	25th	279·4	273·8	21st	282·4	282·4	+ 0·9	104	..
336	Greenwich	51 29	0 0	46·3	..	1011·7	- 3·8	290·7	295·8	27th	280·4	276·3	1st	285·5	284·9	+ 0·2	73	..
337	Uccle	50 48	E. 4 22	100	1000·0	1011·9	- 3·4	293·4	301·8	26th	282·1	276·6	10th	287·7	287·1	+ 1·6	83	..
338	De Bilt	52 6	5 11	3·0	1011·6	1012·0	- 3·3	292·1	301·8	29th	282·1	276·6	5th	287·1	286·6	+ 1·5	98	..
338a	Hamburg	53 33	9 58	40·3	1007·2	1012·0	- 3·4	293·3	303·3	28th	284·0	276·1	1st	288·7	288·2	+ 3·2	106	..
339	◊Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1013·1	1013·7	- 1·4	290·8	297·8	28th	281·8	276·0	10th	286·3	286·3	+ 3·5	65	..
340	Potsdam	52 23	13 4	84·9	1002·5	1012·6	- 2·5	295·7	305·2	26th	284·1	277·8	1st	289·9	289·5	+ 3·6	39	..
340a	Uppsala	59 51	17 38	24	1012·7	1015·6	+ 1·2	288·5	296·7	25th	278·5	272·3	11th	283·5	283·5	+ 1·2	17	..
341	Warsaw	52 13	21 3	88·3	1003·9	1014·3	- 1·8	297·3	306·5	30th	284·1	276·5	12th	290·7	290·3	+ 3·3	42	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1006·5	1016·2	+ 1·9	291·5	298·7	20th	281·0	272·5	11th	286·2	286·1	+ 3·2	..	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	33	..
346	Kazan	55 47	49 8	80·6	1006·7	1016·4	+ 0·5	293·1	301·0	21st,22nd	281·9	274·4	12th	287·5	287·5	+ 1·5	..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day ar in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

MAY - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·1	1017·6	+ 1·2	290·2	298·6	30th	281·9	279·1	9th	286·1	285·5	+ 1·4	38	+ 9
413	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	+ 0·4	296·1	306·9	30th	284·1	277·4	8th	290·1	289·8	+ 3·4	28	-30
414	◊Macleod	49 44	113 24	953	..	..	..	293·0	305·2	14th	278·1	270·8	10th	285·6	285·8	+ 2·1	37	-13
414a	Salena	46 34	112 4	1257	873·7	1014·9	+ 1·7	292·3	301·9	13th	278·2	271·9	21st	285·2	284·8	+ 1·2	28	-26
415	Salt Lake City	40 46	111 54	1329	867·2	1013·9	+ 2·7	294·4	304·7	31st	282·4	275·2	20th	288·4	288·8	+ 0·8	15	-36
415a	Cheyenne	41 8	104 48	1856	813·1	1014·5	+ 2·0	289·1	300·8	26th	275·4	267·4	20th	282·2	282·6	- 1·2	40	-21
417	Bismarck	41 8	100 45	860	915·3	1013·9	+ 0·7	295·1	308·0	15th	279·9	270·8	20th	287·5	287·5	- 0·3	12	-60
418	Winnipeg	46 47	100 48	510	952·9	1013·2	- 0·6	292·9	306·9	25th	277·9	268·0	20th	285·4	285·5	+ 0·2	49	-13
	Duluth	49 53	97 7	232	985·3	1013·2	..	289·1	305·2	14th	276·9	264·1	6th	283·0	283·1	- 1·1	62	+11
419		46 47	92 6	345	972·2	1013·5	- 1·0	288·7	304·1	15th	277·7	271·9	6th	283·2	282·5	+ 1·5	115	+29
420	Fort Arthur	48 27	89 12	196	988·5	1012·2	- 2·9	287·4	305·2	15th	276·2	271·3	3rd	281·8	281·5	+ 0·6	72	+19
421	Chicago	41 47	87 35	205	988·8	1013·2	- 1·4	290·3	303·6	28th	281·9	277·4	7th	286·1	285·6	- 1·6	129	+38
422	Toronto	43 40	79 24	116	999·0	1012·9	- 2·3	292·1	301·9	29th	281·2	273·0	1st	286·7	286·3	+ 1·6	48	-23
423	◊New York (Central Park)	40 47	73 58	47·4	1008·4	1014·1	- 1·5	294·1	306·9	29th	284·7	277·4	1st	289·4	289·1	+ 0·2	111	+27
424	St. John, N.B.	45 17	66 4	36·3	1010·1	1014·5	..	286·7	296·9	30th	278·3	273·0	2nd	282·5	282·1	+ 0·4	108	+14
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1012·2	1013·3	..	281·1	288·0	31st	271·9	266·3	5th,10th	276·5	277·2	- 0·8	46	-16
426	Sable Island (Main Station)	43 57	60 6	7·6	1016·6	1017·5	..	284·3	290·8	30th	278·8	275·2	1st	281·6	281·3	+ 2·2	61	-26
435	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Madrid																	
	Nantes	40 24	3 41	667	937·5	1013·8	- 1·5	295·7	302·3	26th	282·6	277·2	5th	289·2	288·4	+ 0·5	21	-19
437		47 15	W. 1 34	36·5	1007·5	1011·9	- 3·9	291·5	300·8	27th	281·7	277·8	18th	286·6	286·4	- 0·2	40	-18
438	Paris (Parc St. Maur)																	
438a	Marseille	48 49	E. 2 30	50·3	1006·4	1012·4	- 3·6	292·4	300·3	26th	282·6	276·6	1st	287·5	287·6	+ 1·2	157	+106
439	Zürich	43 18	5 23	75	..	1013·0	- 0·6	296·3	303·0	24th	284·4	279·4	5th	290·4	290·4	+ 1·2	57	+13
440	Rome	47 23	8 33	493	955·6	1012·5	- 3·2	295·8	306·1	26th	283·0	275·3	1st	289·4	288·5	+ 2·5	120	+13
440a	Vienna	41 54	12 29	45·5	1009·5	1014·8	+ 0·6	296·9	304·2	27th	286·1	281·0	7th	291·5	291·5	+ 0·8	83	+28
441	Budapest	48 15	16 22	203	989·1	1012·8	- 1·5	295·7	301·7	29th	285·3	277·7	2nd	290·5	290·6	+ 2·6	11	-60
442	Sofia	47 31	19 1	130	998·5	1013·8	- 0·2	298·5	304·2	28th,29th	286·1	279·2	1st	292·3	291·9	+ 2·9	65	- 7
	Bucharest	42 42	23 20	550	951·2	1014·4	+ 0·1	295·4	302·4	18th	283·7	277·5	2nd	289·5	289·6	+ 1·5	55	-32
443		44 25	26 6	82	1004·6	1014·3	+ 0·3	297·3	305·4	19th	285·8	280·2	3rd	291·8	291·2	+ 1·4	86	+23
444	Odessa (Observatory)																	
445	Novorossiisk	46 26	30 46	42·8	..	..	..	293·2	..	..	286·3	..	..	289·7	..	+ 0·9	..	..
446	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Krasnovodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
449		40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Kazalinsk																	
451	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Andijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
453	Alma Ata	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
454		43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mouriden																	
462	Jokhin	41 46	123 24	44·3	1004·1	1009·3	+ 0·3	294·9	300·4	31st	282·5	275·0	1st,7th	288·7	288·5	- 0·3	70	+11
463	Inki	40 40	129 12	31·9	1007·0	1010·9	+ 0·7	288·4	300·6	19th	279·5	277·0	8th	283·9	283·5	- 0·3	77	+15
464	Vladivostok	42 20	130 24	63·8	1002·8	1010·5	+ 0·2	287·1	294·5	19th	278·6	274·2	2nd	282·9	282·5	- 0·1	66	-10
465	Gchiai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466	Kamaro	47 20	142 47	27·4	1008·2	1011·6	+ 0·9	280·4	290·3	20th	272·6	268·1	8th	276·5	276·2	- 2·5	162	+87
466a	Oyuna	43 20	145 35	26·7	1009·0	1012·3	+ 0·8	282·1	295·3	6th	274·9	269·7	3rd	278·5	278·2	- 1·3	60	-34
		45 14	147 53	39·3	1007·0	1011·9	+ 0·3	280·1	292·0	17th	273·4	268·9	19th	276·7	276·4	- 1·8	67	-11
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

MAY - ZONE 5 (AMERICA).

501	San Francisco	N. 37 48	W. 122 26	47·2	1008·4	1013·9	- 1·7	293·8	305·2	19th	285·3	283·0	5th	289·6	288·9	+ 3·5	28	+ 9
502	Sacramento	38 35	121 30	21·0	1009·8	1012·2	- 1·5	302·1	309·7	29th	285·8	283·0	6th	293·9	293·8	+ 3·5	17	- 2
503	San Diego	32 43	117 10	26·5	1010·5	1013·5	- 0·7	294·7	298·0	24th	289·3	287·4	22nd	292·0	291·6	+ 3·2	6	- 2
504	Modena	37 48	113 54	1668	833·0	1012·2	+ 2·3	295·6	302·4	31st	276·8	272·4	9th	286·2	286·0	+ 1·3	18	- 3
505	Santa Fé	35 41	105 57	2138	787·3	1010·8	+ 1·5	293·0	298·6	24th	278·6	271·3	11th	285·8	285·9	- 0·5	12	-15
506	Denver	39 45	105 0	1613	837·8	1014·9	+ 2·5	292·2	303·0	26th	279·3	271·9	20th	285·8	285·0	- 0·9	88	+27
507	Abilene	32 23	99 40	530	953·6	1014·2	+ 2·1	299·7	306·9	15th	286·8	278·0	7th	293·2	293·1	- 1·9	29	-69
508	Saint Louis	38 38	90 12	173	993·2	1013·5	- 0·6	295·2	305·8	16th	285·0	277·4	6th	290·1	289·8	- 1·9	92	-22
509	Mobile	30 41	88 2	17·4	1012·8	1015·2	- 0·5	299·8	305·8	27th	290·2	284·1	13th	295·0	294·7	- 0·9	92	-19
510	Nashville	36 10	86 47	166	995·6	1015·2	- 0·3	296·5	305·8	28th	285·9	278·6	8th	291·2	291·3	- 2·0	49	-47
511	Charleston	32 47	79 56	14·6	1013·5	1015·2	- 0·9	298·9	304·1	17th	290·8	284·7	24th	294·9	295·0	- 0·4	28	-58
512	Washington	38 54	77 3	34·1	1009·8	1013·9	- 1·7	296·9	306·3	30th	285·8	277·4	1st	291·4	291·1	+ 0·6	123	+31
514	Bermuda	32 17	64 46	38·1	1013·0	1017·4	..	298·1	299·7	18th,25th	292·0	289·1	2nd	295·1	294·8	+ 0·5	129	+13
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1016·3	1021·8	+ 0·6	292·9	296·9	18th	288·1	285·8	5th	290·5	290·3	+ 0·7	61	+24
531	Horta	38 32	28 38	65	1013·3	1021·1	- 0·1	293·6	296·6	18th	287·2	285·6	11,12,24	290·4	290·0	+ 0·2	50	-32
532	Ponta Delgada	37 44	25 40	22	1018·3	1020·9	+ 0·2	292·8	294·2	18th	287·8	285·5	26th	290·3	290·0	+ 0·5	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	44	-20
533	Madeira (Funchal)	32 38	16 55	25	1017·7	1020·7	+ 1·8	294·3	298·8	9th	288·6	287·0	8th	291·5	292·5	+ 1·0	10	-5
535	Lisbon	38 43	9 9	95	1005·3	1016·7	+ 1·5	292·0	297·5	12th	286·5	282·2	4th	288·7	288·5	- 1·1	48	-5
536	Gibraltar	36 6	5 21	27·4	..	1016·2	- 0·1	296·6	300·8	9th	286·8	283·6	4th,5th	291·7	290·6	+ 0·1	9	-5
538a	Colomb-Béchar	31 37	W. 2 13	769	926·5	1011·0	+ 0·6	305·1	309·7	27th	291·7	283·6	3rd	298·4	298·4	+ 1·9	1	-8
537	Palma	39 34	E. 2 39	23	1011·2	1013·9	- 1·8	..	..	..	..	..	..	..	‡293·9	+ 1·5	5	-5
538	Algiers	36 46	3 13	59	1008·0	1015·0	- 0·3	296·3	311·1	23rd	288·8	285·2	5th	292·5	292·1	+ 0·7	2	-3
538a	Gadames	30 18	9 30	351	..	..	..	308·2	318·3	31st	288·8	281·5	7th	298·5	..	- 3·4	0	-4
539	Tunis	36 48	10 10	66	1007·1	1014·8	+ 0·2	297·9	305·8	17th	287·0	282·0	6th	292·5	292·2	+ 1·0	7	-3
540	Malta	35 54	14 31	71·2	..	1014·7	+ 0·7	295·2	300·8	27th	288·7	285·2	1,7,10	291·9	291·0	+ 0·0	23	-40
541	Athens	37 58	23 43	107	1001·2	1013·7	+ 0·3	297·7	302·2	24th	288·1	282·5	14th	292·9	292·9	+ 0·4	37	-40
542	♯Alexandria	31 12	29 53	32·0	1010·0	1013·7	+ 0·3	299·2	306·8	31st	290·1	285·0	6th	294·7	294·2	+ 0·2	0	-8
543	Ankara	39 58	32 48	861	915·2	1012·1	- 0·8	295·0	303·0	22nd	281·3	272·8	14th	288·1	288·7	- 0·1	44	-7
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1011·5	+ 0·2	301·6	310·8	24th	286·3	282·4	9th	294·1	..	+ 1·2	57	+5
544	♯Beirut	33 54	35 28	33·7	..	1012·2	- 0·6	299·1	307·3	23rd	292·8	287·3	3rd	295·9	295·4	- 1·2	43	-7
545	Hinaidi	33 17	44 29	32·9	1005·5	1009·2	+ 0·1	307·8	313·6	24,28,30	292·1	286·3	9th	299·9	300·5	+ 0·5	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	- 1·6	24	-65
547	Tehran	35 41	51 25	1220	870·5	1001·2	..	298·7	303·9	31st	286·8	282·4	19th	292·7	292·8	..	66	-9
548	Meshed	36 17	59 36	946	..	..	..	296·4	302·6	30th	..	..	..	..	..	..	..	..
549	Seistan	31 2	61 30	?610	952·5	..	..	305·3	309·7	16th	292·2	287·3	12th	298·7	..	- 1·0	1	-9
550	Quette	30 10	67 1	1647	833·1	..	- 1·0	301·4	306·3	24th	285·2	279·7	30th	293·3	293·4	+ 0·4	12	-9
651	Peshawar	34 1	71 35	355	965·4	1004·4	0·0	308·3	312·4	4,22,23	293·7	287·4	14th	301·0	300·8	- 0·9	59	-2
551a	Lahore	31 35	74 20	214	978·9	1002·4	0·0	312·6	317·4	7,25,26	296·1	289·7	14th,15th	304·3	304·1	- 0·5	22	-3
552	Simla	31 6	77 10	2202	780·4	..	0·0	295·8	300·2	7th	286·9	279·7	16th	291·3	291·4	+ 0·5	93	+5
552a	Leh	34 9	77 34	3503	667·4	..	- 0·2	289·2	293·0	20th	276·0	272·4	3rd	282·6	282·3	- 0·6	7	-3
558	Sian	34 31	109 5	365	964·3	1005·4	..	302·3	316·0	31st	289·4	283·0	5th	295·8	296·4	..	29	-4
559	Hankow	30 35	114 17	39·1	1006·6	1011·3	+ 0·5	298·1	305·5	30th	290·4	283·1	1st	294·2	293·9	- 1·1	204	+9
560	Tientsin	39 9	117 9	6·4	1009·2	1009·7	+ 0·1	299·1	305·5	31st	286·0	280·6	7th	292·5	292·2	- 0·3	44	-4
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1011·2	1012·0	+ 0·9	296·2	305·5	28th	286·6	280·5	1st	291·4	290·9	- 0·7	185	+8
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1004·9	1012·3	+ 0·8	293·2	298·6	24th	284·2	279·3	1st	288·7	288·3	+ 0·9	128	-5
562a	Nagasaki	32 44	129 52	133	997·6	1013·2	+ 1·2	294·9	299·1	14th	286·3	283·3	1st	290·6	290·2	- 0·7	179	+3
563	Kyoto	35 1	135 44	42·9	1008·6	1013·7	+ 1·7	296·2	300·6	20th	282·8	277·2	3rd	289·5	289·4	- 0·1	142	+3
564	Tokyo	35 41	139 46	5·8	1012·6	1013·3	+ 1·2	294·0	299·6	6th	284·3	278·8	3rd	289·1	289·3	- 0·9	244	-5
565	Mukusima	37 45	140 28	68·5	1005·2	1013·4	+ 1·7	294·3	304·6	6th	280·8	273·2	3rd	287·5	287·5	- 0·4	42	-6
566	Miyako	39 38	141 59	30·4	1008·7	1012·4	+ 0·8	291·8	304·3	7th	279·3	273·0	3rd	285·5	285·1	- 0·2	93	-3
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

MAY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1018·2	1018·8	..	300·6	304·7	3rd	288·3	284·7	22nd	294·4	293·6	- 0·4	7	-4
605	Honolulu	21 19	157 52	11·6	1015·9	1016·9	- 0·4	299·4	300·8	28th	294·2	292·4	18th	296·8	296·7	0·0	79	-2
613	♯Guaymas	27 55	110 53	8·3	1010·3	1011·2	0·0	305·5	311·0	31st	294·6	291·0	sev.dates	300·1	299·1	+ 1·2	0	-2
614	La Paz, Mexico	24 10	110 20	12	1008·2	1009·6	..	302·6	305·8	31st	292·9	291·0	3rd	297·7	297·1	..	0	-2
615	Leon	21 7	101 41	1809	819·6	1005·8	- 1·0	301·7	304·6	15th	286·3	282·7	5th	294·0	294·5	- 1·8	22	-8
616	♯Monterry	25 40	100 18	528	952·7	1011·9	+ 2·8	300·5	311·3	19th	291·5	287·0	11th	296·0	295·7	- 2·9	88	-6
617	Tulancingo	20 5	98 22	2181	789·5	..	0·0	298·2	304·2	19th	283·5	279·4	4th	290·9	289·4	- 1·5	65	-8
618	Galveston	29 18	94 50	16·5	1013·9	1015·9	+ 1·7	297·7	301·3	3rd	292·5	286·3	7th	295·1	294·9	- 1·8	80	-6
618a	New Orleans	29 57	90 4	16·2	1013·2	1014·9	0·0	300·5	305·2	30th	291·4	287·4	13th	296·0	295·8	- 0·9	63	-6
619	Merida, Yucatan	20 58	89 38	22	1010·3	1012·8	+ 0·1	304·9	309·6	19th	295·6	292·0	17th	300·3	299·0	- 1·3	124	-2
620	Havana	23 7	82 25	77·0	1004·3	1013·1	- 1·4	302·6	307·0	20th	294·7	290·3	16th	298·7	298·4	..	28	-5
620a	Key West	24 33	81 48	6·7	1013·5	1014·2	- 0·6	301·8	303·6	12th	295·9	293·6	9th	298·9	298·8	- 0·2	61	-2
621	Nassau, Bahamas	25 5	77 20	9·6	..	1015·6	- 0·4	301·6	303·6	6,11,12	294·9	291·3	17th	298·3	298·2	- 0·3	120	-2
622	San Salvador (Watling Island)	24 6	74 26	33·5	1011·1	1015·0	- 1·4	..	302·4	10th	..	295·8	9th	..	298·8	- 0·6	..	..
633	Port Etienne	20 56	17 3	4	1015·3	..	..	299·9	308·0	28th,29th	287·4	285·3	8th	293·7	292·3	+ 1·6	0	-2
634m	Izaña	28 19	16 30	2367	769·5	..	+ 1·4	287·8	290·6	15th,26th	279·4	272·6	3rd	283·6	283·3	- 0·7	0	-2
634	La Laguna	28 28	16 20	547	953·2	1016·6	- 0·6	293·1	298·8	13th	283·7	281·4	10th	288·4	287·8	..	0	-2
636	Adrar	27 52	W. 0 17	?285	979·5	1010·8	..	313·9	317·8	26th	294·5	287·0	5th	304·2	305·5	..	..	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	862·8	1002·6	..	306·9	311·3	27th	292·3	287·0	11th	299·6	300·3	+ 1·0	3	-1
639	Sebha	27 1	14 27	424	..	..	..	?305·7	?311·6	3rd	..	..	..	..	..	..	0	-1
640	Hon	29 8	15 58	263	..	..	..	305·9	318·7	18th	287·3	281·6	12th	296·6	..	..	0	-1
641	Giarabub	29 44	24 30	12	..	..	..	307·5	313·8	21st	290·6	287·5	2nd	299·1	..	..	3	-1
642	Siwa	29 12	25 29	-23	1015·4	1012·7	- 0·3	..	..	..	290·1	285·0	4th	..	297·8	..	..	..
643	Cairo (Helwan)	29 52	31 20	116	998·6	1011·9	- 0·2	304·7	311·0	22nd	290·6	285·5	16th	297·7	297·9	+ 0·3	0	-1
643a	Aswan	24 2	32 53	100	997·8	1009·0	- 0·5	311·9	319·9	31st	295·3	289·2	3rd	303·6	303·0	+ 0·5	..	..
644	Tor	28 14	33 37	1·9	1009·8	1010·0	+ 0·2	303·8	309·6	25th	293·5	289·5	4th	298·7	298·0	+ 0·3	0	-1
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Dunkire	28 59	50 49	4·3	1007·0	1007·4	..	304·0	310·6	7th	297·3	293·8	20th	300·7	300·1	- 0·3	0	- 1
648	Jask	25 45	57 45	4·0	1004·2	1004·8	..	306·8	309·9	18th	298·7	295·9	15th	302·7	302·1	0·0	0	0
649	Karachi	24 48	66 59	4·0	1004·9	1005·4	- 0·4	304·8	308·0	15th	299·9	298·0	1st	302·3	301·7	+ 0·5	0	- 2
650	Jacobabad	28 17	68 29	56·7	996·5	1002·7	+ 0·1	316·1	320·2	20th	298·9	295·2	12th,13th	307·5	307·1	- 0·6	16	+13
651	Jaipur	26 55	75 50	436	956·9	1003·8	+ 0·2	314·8	318·6	7th	298·8	290·2	15th	306·8	306·4	+ 0·3	5	-10
652	Allahabad	21 9	79 7	310	970·5	1003·9	- 0·1	316·8	319·1	7,8,22	302·3	296·9	29th,30th	309·6	309·0	+ 1·6	12	- 9
653	Darjiling	25 26	81 50	94·2	992·4	1002·8	- 0·5	315·2	319·1	6th,27th	300·7	296·9	17th	307·9	307·5	+ 1·0	2	- 7
653a	Calcutta	27 3	88 16	2265	774·6	..	- 0·5	290·2	293·6	4th	284·5	281·3	19th,20th	287·3	287·4	- 0·1	258	+37
654	Gauhatti	22 32	88 20	6·4	1003·9	1004·7	- 0·3	307·7	311·3	19th	299·1	294·1	11th	303·4	303·2	+ 0·3	195	+49
655	Cherrapunji	26 11	91 45	59·7	1001·0	1007·7	+ 0·1	303·1	307·4	1st	295·2	292·4	18th	299·1	298·0	- 0·7	286	+65
655a	Akyab	25 15	91 44	1313	866·4	..	- 0·2	294·6	297·4	28th	288·2	284·7	3rd	291·4	290·7	- 0·7	1140	-35
656	Mandalay	20 8	92 55	8·8	1007·1	1008·0	+ 0·6	304·5	306·9	6,7,8	298·1	293·0	20th	301·3	301·6	- 0·6	440	+86
657	Tenasserim	21 59	96 6	76·2	998·5	1007·1	- 0·2	310·8	315·2	2nd,3rd	299·3	295·8	10th	305·1	304·8	+ 0·3	91	-58
658	Phu Lien	25 0	98 40	1634	823·9	994·0	..	296·5	300·8	31st	285·9	283·0	4th,8th	291·2	290·7	0·0	..	..
659	Moncay	20 48	106 38	116	..	1006·4	- 0·7	303·8	312·3	24th	297·2	293·4	1st	300·5	299·8	+ 0·4	175	-14
660	Hongkong	21 31	107 58	9·0	..	1006·4	- 1·2	305·0	309·4	24th	297·3	292·7	7th	301·2	300·3	+ 1·2	160	-117
	Amoy	22 18	114 10	33·2	..	1008·5	- 0·6	300·1	304·7	23rd	296·2	293·1	14th	298·1	298·0	+ 0·1	305	- 2
661	Taihoku, Formosa	24 26	118 4	4·9	1010·5	1011·1	+ 0·4	299·1	304·7	30th	294·2	289·1	10th	296·7	296·6	+ 0·1	195	+37
661a	Basco	25 2	121 31	9·3	1009·1	1010·1	- 0·1	302·1	307·8	24th	293·7	290·6	16th	297·9	297·4	+ 0·4	333	+97
662	Naha	20 28	121 59	18·7	..	1008·7	+ 0·2	303·9	305·5	21st,22nd	298·5	296·0	3rd	301·2	300·7	+ 0·2	318	+96
	Titijima (Bonin Islands)	26 12	127 39	29·5	1007·8	1011·2	+ 0·2	298·6	301·5	30th	293·6	290·0	17th	296·1	296·0	- 0·1	248	+ 3
		27 5	142 11	4·3	1012·7	1013·2	+ 0·1	297·4	300·6	17th	292·1	288·1	5,20,21	294·7	294·6	- 1·1	246	+41
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MAY - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	♯Colima	19 12	103 45	498	956·2	1011·7	+ 0·8	307·7	311·0	24th	291·8	288·6	11th	299·7	298·1	- 0·3	5	- 4
716	♯Morelia	19 42	101 7	1923	809·0	1006·6	+ 0·3	298·5	300·4	9th	287·2	284·3	2nd	292·9	292·8	- 0·2	44	+ 2
717	♯Mexico, Tacubeya	19 24	99 12	2309	774·4	..	0·0	299·4	303·5	11th	283·3	278·7	5th	291·3	290·0	- 0·3	81	+30
718	Salina Cruz	16 12	95 12	56	1003·6	1009·9	- 1·0	304·5	308·0	7th	297·1	294·8	sev.dates	300·8	301·2	- 0·1	15	-70
719	San Salvador	13 42	89 13	682	937·0	1012·3	+ 0·8	306·1	309·0	7th	292·8	290·8	4th	299·5	297·1	- 0·2	200	+27
720	Belize	17 31	88 11	5·2	1011·4	1012·0	- 0·2	302·9	304·7	12th	298·7	291·9	15th	300·8	300·4	+ 0·2	18	-77
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1011·8	- 1·2	304·4	306·5	6th	296·2	294·9	sev.dates	300·3	300·2	+ 1·1	161	+ 2
722	Fort au Prince	18 33	72 20	37·4	1008·6	1012·9	- 1·1	304·8	306·9	15th,19th	295·9	293·4	26th	300·4	299·7	+ 0·3	310	+72
722a	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	San Juan, Porto Rico	18 29	66 7	25·0	1010·5	1013·2	- 2·0	303·5	306·3	15th	297·4	295·8	2nd	300·4	300·0	+ 1·5	189	+68
724	Grenada (Richmond Hill)	12 5	61 46	188	992·8	1014·1	+ 1·2	303·8	305·8	3rd	296·3	294·7	29th	300·1	299·7	+ 0·6	69	-37
725	Barbados	13 8	59 36	57·9	..	1012·0	- 2·2	304·3	305·2	15,18,20	296·8	295·2	7th	300·6	300·5	+ 0·9	41	-22
726	♯São Vicente, C. Verde Is.	16 54	25 4	11	1014·3	1015·6	+ 1·0	297·7	299·0	30th	294·1	293·0	5,9,31	295·9	295·9	+ 0·3	..	..
727	♯San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
728	♯Dakar	14 40	17 26	32	1007·9	1011·6	..	302·9	306·4	27th	293·0	291·9	1st,2nd	297·9	297·7	+ 0·5	0	- 1
729	♯Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	299·7	304·7	28th	293·1	290·2	9th	296·4	296·2	- 1·5	4	+ 1
730	♯Kindfield	12 57	7 26	300	..	..	..	311·1	315·0	5th	296·6	293·0	25th,26th	303·9	303·2	..	84	..
731	Kahara	16 45	W. 3 1	273	..	..	..	317·5	322·0	sev.dates	296·9	291·0	12th	307·2	307·1	..	0	..
732	Sokoto	13 2	E. 5 14	354	..	..	..	312·4	315·2	5th,20th	299·3	295·2	7th	305·9	305·6	+ 0·6	33	-17
733	Kaduna Capital	10 32	7 25	597	943·5	1013·5	..	305·7	309·1	5th	..	..	..	..	‡299·2	- 0·4	256	+111
734	Bida	18 41	12 55	356	..	..	..	313·9	316·2	sev.dates	294·0	287·8	18th,19th	303·9	307·1	0	..	..
735	Maiduguri	11 47	13 11	361	..	..	..	314·2	315·8	6,8,25	..	..	..	..	‡305·8	+ 0·7	11	-27
736	El Fasher	13 32	25 18	730	926·2	1004·8	..	314·0	316·0	8,9,10	291·2	284·5	5th,7th	302·6	301·5	- 0·6	3	- 7
737	El Obeid	13 11	30 14	563	945·4	1006·3	+ 0·5	313·0	315·8	10th	294·3	288·5	5th	303·7	303·5	+ 0·4	0	-13
738	Khartoum	15 37	32 33	390	963·6	1005·7	0·0	314·4	319·7	29th	297·9	291·9	5th	306·1	306·7	+ 0·1	0	- 3
739	Port Sudan	19 37	37 13	5·5	1008·4	1009·0	+ 0·4	307·9	313·4	31st	297·4	293·2	21st	302·7	302·6	+ 0·4	0	- 1
740	Kassala	10 26	45 2	13·8	1006·0	1007·6	- 0·6	307·8	313·6	30th	300·6	296·9	5th,25th	304·2	303·9	0·0	22	+15
741	Berbera, Somaliland	12 49	45 2	6·1	1006·3	1009·7	+ 0·9	308·7	311·3	29th	300·6	298·6	9th	304·7	304·0	+ 1·1	0	- 3
742	Aden	18 54	72 49	11·3	1008·0	1009·2	- 0·1	306·6	307·4	30th	300·1	298·0	1st	303·3	302·9	+ 0·4	0	-21
743	Bombay	10 14	77 28	2343	771·7	..	+ 0·9	294·3	296·3	22nd	286·1	284·1	10th	290·2	290·2	+ 1·8	165	+12
744	Kodaikanal	12 58	77 35	921	908·8	1007·5	+ 0·1	308·3	311·9	22nd	294·7	291·9	16th	301·5	300·4	+ 1·6	88	-23
745	Bangalore	13 4	80 15	6·7	1005·8	1006·6	- 0·3	309·8	314·1	21st	300·4	294·7	14th	305·1	304·6	+ 0·1	45	+18
746	Madras	17 42	83 18	38·4	1001·8	1006·1	+ 0·1	306·0	309·1	18th	300·8	295·2	22nd	303·4	302·8	- 0·7	44	- 6
747	Vizagapatam	11 40	92 43	18·0	1006·6	1008·6	- 0·1	304·7	308·0	4th	299·3	297·4	16th,31st	302·0	301·4	+ 0·4	180	-223
748	Port Blair	16 46	96 11	5·5	1008·1	1008·7	+ 0·3	307·3	311·3	2,4,7	298·3	296·3	14th,15th	302·8	301·5	+ 0·7	348	+44
749	Rangoon	10 20	107 5	180	..	1010·0	..	304·9	307·8	6th	297·4	295·4	12th	301·2	300·7	- 0·1	298	+94
750	Cap St. Jacques	12 15	109 12	3·6	..	1007·6	..	305·4	306·9	26th	297·5	295·9	4th	301·5	301·0	+ 0·1	88	+38
751	Mantreng	16 23	119 53	2	..	1008·3	+ 1·0	307·0	310·7	10th	298·7	297·2	27th	302·9	302·5	+ 0·8	193	+24
752	Bolinao	17 34	120 23	12·2	..	1008·3	+ 0·2	306·8	308·0	3rd,14th	298·8	296·5	26th,27th	302·8	302·1	+ 0·3	151	-22
753	Vigan	14 35	120 59	14·2	..	1009·2	+ 0·8	307·9	310·5	12th	298·1	295·9	1st	303·0	302·3	+ 0·9	99	-17
754	Manila	11 0	124 36	5·6	..	1008·3	+ 0·4	305·7	308·0	30th	296·1	294·7	1st	300·9	300·9	+ 0·9	94	+ 6
755	Cebu	13 24	144 38	18·6	..	1010·1	+ 0·9	304·6	306·1	29th	298·1	296·8	20th	301·3	301·9	+ 0·7	164	+61
756	Guam, Ladrone Is.	15 14	145 46	207	988·5	1008·7	..	301·8	303·4	28th	296·7	295·1	7th	299·3	298·9	..	109	..
757	Saipan																	
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·6	1010·2	- 0·6	..	..	..	298·1	296·3	19,20,28	..	‡302·4	+ 0·7	147	-177
821	∮Cristobal	9 23	79 54	11·0	..	1010·2	- 0·5	303·9	305·8	25th	298·1	296·9	17th	301·0	300·5	+ 0·7	450	+198
822	Bogota	4 36	74 5	2645	746·8	..	+ 0·4	292·4	296·6	19th	284·4	281·3	18th	288·4	287·8	+ 0·5	72	-91
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	984·9	1009·5	- 1·2	..	..	..	..	..	..	..	..	..	..	..
								..	..	..	..	..	..	..	‡297·7	+ 1·1	126	-126
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·6	- 1·2	302·8	304·7	6th,7th	297·9	295·8	3rd	300·3	300·1	+ 0·5	292	-34
826	Paramaribo	5 49	55 9	3·7	1011·7	1012·1	- 0·9	304·2	306·7	22nd	296·8	295·6	27th	300·5	299·8	+ 0·8	202	-48
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	494	+222
833	Konakri	9 31	13 43	16	..	..	..	303·8	305·9	4th	297·9	295·9	19th,25th	300·9	301·4	+ 0·1	281	-57
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1004·9	1011·1	+ 0·9	303·9	305·8	1,22,27	..	..	..	..	‡300·9	..	259	-56
835	∮Assuantsi	5 18	1 15	97·3	998·5	1009·6	..	303·5	306·9	25th	295·5	293·6	23rd,30th	299·5	299·0	+ 0·4	126	+28
836	∮Accra	5 33	W. 0 12	17·7	1008·6	1010·6	- 0·2	304·3	306·9	30th	298·7	295·8	7th,20th	301·5	301·1	+ 1·2	150	+28
837	∮Lagos	6 27	E. 3 24	3·0	1010·9	1011·3	+ 0·6	303·5	305·8	18th,25th	297·6	295·2	3rd,27th	300·5	300·2	- 0·2	225	-28
838	∮Victoria, Nigeria	4 1	9 12	15·5	1009·3	1011·1	..	303·2	305·2	18th	295·3	293·0	28th	299·3	298·8	+ 1·2	226	-59
839	Yola	9 12	12 30	259	..	..	..	310·1	312·4	4,6,7	297·8	293·0	6th	303·9	303·4	+ 1·2	99	-79
841	Wau	7 42	28 3	440	959·2	1007·6	- 0·3	309·3	315·1	8th	296·8	293·5	2nd	303·1	301·4	..	77	-198
843	Malakal (Kodok)	9 35	31 37	394	964·7	1008·0	- 0·7	310·0	315·1	8th	297·2	293·8	6th	303·6	302·2	+ 1·3	54	-192
843a	Juba	4 53	31 35	475	956·0	1008·6	..	306·7	310·6	3rd	294·9	292·3	6th	300·8	299·2	+ 0·2	492	+202
844	Entebbe	0 5	32 29	1171	..	..	..	298·6	300·2	9th,18th	291·6	289·7	25th,28th	295·1	..	+ 0·7	336	-36
844a	Kampala (Kololo Hill)	0 20	32 36	1310	869·6	1009·4	..	298·7	300·1	19th	290·5	288·1	25th	294·6	294·2	..	136	-76
845	Sheikh	9 55	45 15	1463	..	..	..	301·1	304·7	30th	290·1	286·9	9th	295·6	294·9	..	76	-122
851	Minicoy	8 18	73 0	2·7	1009·6	1009·9	- 0·2	306·1	307·4	9th	300·0	296·3	1st	303·1	302·5	..	191	-177
851a	Cochin	9 58	76 14	2·7	1009·7	1010·0	+ 0·2	304·3	305·2	4 days	299·3	294·7	24th	301·8	301·2	+ 0·1	178	-200
852	∮Colombo Observatory	6 54	79 52	7·3	..	1009·1	+ 0·9	303·7	305·1	6th	298·1	295·1	14th	300·9	300·3	- 0·3	300	-106
853	∮Nuwere Eliya	6 58	80 46	1881	813·7	1010·5	+ 0·4	295·2	298·1	21st	284·8	278·1	20th	290·0	289·2	+ 0·5	106	-81
854	∮Trincomalee	8 35	81 15	30·2	..	1006·4	+ 0·9	306·0	308·8	6th,7th	298·7	294·2	15th	302·3	301·7	- 0·9	81	-137
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	154	-57
856	Medan	3 35	98 41	25·0	..	1009·2	+ 0·2	304·6	308·1	17th	296·7	295·3	31st	300·7	300·1	+ 0·5	59	-207
857	Butterworth	5 25	100 22	2·1	..	1008·1	..	304·8	306·3	3rd	297·7	295·8	10th	301·3	300·9	..	207	-177
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1008·9	+ 0·2	304·6	307·4	3rd	297·7	295·2	16th	301·1	300·6	..	129	-177
859	Sandakan	5 50	118 7	31·7	..	..	..	304·9	306·3	15th	297·5	296·3	3,12,25	301·2	301·3	+ 0·1	67	-177
860	Iwahig	9 44	118 38	14·3	..	1008·0	+ 0·5	306·7	307·7	25th	296·7	295·4	2nd	301·7	301·1	+ 1·1	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1008·7	+ 0·4	306·2	307·5	25th	298·0	297·0	6th,28th	302·1	301·4	+ 0·8	63	-177
861a	Menado	1 30	124 50	8·5	..	..	..	303·8	306·6	19th	296·2	295·1	3rd	300·0	299·5	+ 0·2	187	-57
862	Surigao	9 48	125 29	6·0	..	1009·3	+ 0·8	304·3	306·7	29th	297·7	296·6	13th,22nd	301·0	300·5	+ 0·4	78	-177
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·6	+ 1·6	303·9	306·1	24th	298·6	296·7	25th	301·3	300·9	+ 0·6	235	-57
864	Palau	7 20	134 29	31·8	1006·7	1010·3	+ 0·9	303·6	304·6	21st	297·7	295·9	13th	300·7	300·6	+ 0·5	253	-57
867	Ponape	6 58 N.	158 13 E.	38·9	1006·1	1010·5	..	302·9	304·3	17th	297·5	294·8	3rd	300·2	300·1	..	362	+57

MAY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32 S.	172 31 W.	1·8	..	1010·0	..	303·3	304·7	7th	299·5	297·2	21st	301·4	301·1	..	301	-57
920	Lambayeque	6 46	80 55	15	1010·3	1012·1	..	300·1	303·8	1st	291·0	289·2	21st	295·5	294·6	..	0	-177
921	Quito	0 14	78 30	2816	728·9	..	+ 0·7	293·5	296·9	7th	281·6	279·3	6th	287·5	286·3	+ 0·4	131	-57
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	303·3	304·7	20th	297·3	296·1	2nd	300·3	299·4	+ 0·3	6	-57
939	Loanda	8 49	E. 13 13	59·3	..	1011·2	- 0·7	301·5	302·7	12th,13th	297·0	295·4	30th	299·3	298·6	+ 1·3	4	-177
940	Brazzaville	4 17	15 16	320	..	..	..	303·5	307·0	1st	294·0	292·0	24th	298·7	298·1	- 0·4	110	-57
942	Tshibinda	2 19	28 45	2115	..	..	..	292·8	294·4	..	285·2	282·0	..	289·0	289·4	..	61	-177
943	Masaka	0 20	31 44	1280	..	..	..	297·4	300·2	9,16,19	291·2	290·2	22nd	294·3	293·7	..	350	+57
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·8	1014·5	..	294·9	296·8	14th	286·8	283·6	29th	290·9	289·9	+ 0·2	119	-177
944a	Zanzibar (Town)	6 10	39 12	17·1	1013·3	1015·2	- 0·2	301·4	303·6	1st,11th	297·6	295·8	28th	299·5	299·0	..	433	+57
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	1011·6	1013·9	..	301·4	304·4	25th	297·0	295·3	27th	299·2	299·0	+ 0·6	466	+57
947	Seychelles, Port Office	4 37	55 27	4·6	1010·6	1011·1	- 0·7	303·3	304·1	13th	298·1	294·7	27th	300·7	299·9	..	243	-57
957	∮Padang	0 56	100 22	6·7	..	1010·5	+ 0·5	304·7	306·0	12th	297·5	296·4	16th	301·1	300·6	+ 0·8	114	-177
958	Batavia	6 11	106 50	8·0	1008·9	1009·8	+ 0·4	304·1	305·4	12,14,27	297·1	296·2	30th	300·6	300·1	+ 0·6	181	-177
958a	∮Pontianak	0 1	109 20	2·6	..	1009·6	+ 0·1	305·7	307·4	18th	297·9	296·9	8th	301·8	300·8	+ 0·8	256	-177
959	Pasuruan	7 38	112 55	5·0	..	1009·9	0·0	305·0	305·7	14th	296·5	294·5	28th	300·7	300·3	+ 0·8	124	-177
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	103	-177
962	Amboina	3 42	128 10	4·2	..	1010·0	+ 0·6	302·6	304·6	18th	297·4	296·2	1st	300·0	299·5	+ 0·5	458	+57
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	185	-57
965	Daru	9 4	143 13	7·6	..	1011·3	+ 0·6	302·6	..	..	..	..	..	..	..	+ 1·0	125	-177
966	Port Moresby	9 29	147 9	38·4	..	..	..	..	..	..	298·4	..	..	300·5	300·1	+ 0·4	6	-177
											295·6	..	..	..	‡301·0		36	-177
967	Rabaul	4 9	152 12	12·5	1008·2	1009·7	+ 0·9	305·9	307·3	25th	296·4	295·3	20th	301·2	300·6	+ 0·5	118	-177
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·3	304·6	26th	298·3	296·2	4th	300·8	300·5	+ 0·2	138	-177
970	Ocean Island	0 52	169 35	42·6	1005·9	1010·9	+ 0·6	303·8	305·2	15th	298·4	297·4	19,20,23	301·1	300·4	0·0	mm.	mm.
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau																	
1002	Apia, Samoa	18 39	173 59	9·1	1013·6	1014·6	..	300·5	305·2	29th	295·3	292·8	4th	297·9	..	..	51	..
1003	Alofi, Niue Island	13 48	171 46	2·0	..	1011·1	+ 0·2	302·6	304·6	9th	296·6	294·5	6th	299·6	299·3	0·0	352	+198
1004		19 2	169 55	19·8	..	1014·8	+ 0·5	300·8	303·0	9th	293·8	290·2	30th	297·3	297·0	- 0·2	31	-91
1005	Lima																	
1006	Africa	12 5	77 3	111	1001·0	1014·1	..	296·0	300·0	2nd	287·7	285·0	30th	291·9	290·6	..	2	..
1007	La Paz, Bolivia	18 28	70 20	5	..	..	..	293·3	295·3	9th	287·9	285·3	19th	290·1	290·2	- 0·9	0	0
1008	Corumba	16 30	68 8	3658	658·2	..	- 0·5	291·7	293·7	8th	275·9	273·2	4th	283·8	282·2	+ 0·5	0	-12
1009	Cuyaba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1010	Bello Horizonte	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1011	Caetite	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1012	Cachoeira (Bahia)	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1013	Aracaju	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1014		10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1015	∮St. Helena	15 57	W. 5 40	579	947·9	1014·6	+ 0·1	292·6	293·6	31st	288·3	286·9	19th	290·4	290·4	+ 0·6	30	-38
1016	Wassamadeo																	
1017	Livingstone	15 12	E. 12 9	12·5	1011·7	1013·2	..	..	304·5	22nd	..	286·2	7th	..	..	..	0	0
1018	∮Elisabethville	17 51	25 51	972	909·6	1016·1	..	303·7	307·9	8th	286·3	282·4	22nd	294·9	..	+ 2·5	0	- 5
1019	Ceslo	11 39	27 28	1230	878·0	1011·0	- 1·4	300·9	302·7	8th	283·9	280·6	27th	292·4	..	+ 0·8	2	- 3
1020		19 26	29 45	1411	866·1	1019·0	..	297·7	302·4	8th	283·6	280·8	6,18,31	290·7	..	+ 1·9	6	- 2
1021	∮Salisbury (Dept. Agric.)	17 48	31 5	1489	857·2	1018·1	+ 0·9	297·4	301·3	9th	283·7	280·3	1st	290·6	290·0	+ 1·7	8	- 4
1022	Zomba	15 23	35 18	955	909·7	1014·5	- 0·6	297·4	301·3	8th,9th	288·3	285·2	28th	292·8	292·1	+ 1·0	15	-11
1023	Mapanril	14 57	40 40	15	..	1016·2	..	303·3	305·6	8th	293·4	291·1	26th	298·3	298·4	..	5	..
1024	Antananarivo	18 55	47 33	1375	867·8	1017·3	+ 1·3	296·5	299·0	10th	285·7	284·0	23rd,28th	291·1	289·6	+ 0·3	2	-12
1025	Cocos, Keeling Is.																	
1026	∮Christmas Island	12 5	96 53	4·6	1010·6	1011·4	- 0·4	301·6	303·1	7th	298·3	296·9	28th	299·9	299·6	- 0·3	281	+79
1027		10 25	105 43	5·5	1008·2	1008·9	+ 0·6	303·3	305·2	1,2,3	298·1	296·3	17,18,22	300·7	300·3	+ 0·2	454	+240
1028	Kupang																	
1029	Derby	10 10	123 34	45·1	..	1011·2	+ 0·6	305·7	307·8	10th	296·8	293·8	1st	301·3	300·6	+ 1·4	6	-22
1030	Hall's Creek	17 18	123 40	16·2	1012·3	1014·1	+ 0·4	304·0	309·2	3rd	294·1	286·9	31st	299·0	..	+ 0·6	161	+145
1031	Darwin	18 13	127 46	373	973·5	1015·3	+ 0·3	303·9	308·1	9th	291·3	279·1	31st	297·6	297·0	+ 3·0	2	- 7
1032	Daly Waters	12 28	130 51	29·6	1008·0	1011·4	+ 0·5	306·0	308·6	11th	297·0	289·1	31st	301·5	300·3	+ 0·9	8	- 9
1033	Palmerville	16 16	133 23	211	989·5	1013·2	+ 0·1	305·9	309·1	4,7,12	291·5	284·1	29th	298·7	298·1	+ 2·1	0	- 4
1034	Georgetown, Queensland	15 56	144 8	210	989·0	1012·5	+ 0·5	305·7	308·3	13th	290·6	284·9	31st	298·2	..	+ 1·1	2	-12
1035	Willis Island	18 22	149 32	302	980·8	1014·6	+ 0·4	305·3	308·8	12th,24th	291·9	281·5	29th	298·6	..	+ 3·1	0	-10
1036		16 18	149 59	8·5	1012·3	1013·4	+ 0·6	301·4	302·7	2nd,15th	297·1	294·8	11th	299·2	299·2	+ 0·8	50	-15
1037	Samarai																	
1038	Suva, Fiji	10 37	150 40	6·1	..	..	..	..	..	..	297·4	..	..	..	..	..	76	-248
1039		18 8	178 26	6·1	1012·7	1013·4	+ 0·8	300·7	305·2	7th	295·3	292·4	9th	298·0	297·7	+ 0·3	200	-56
1040		S.	E.															
1041		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

MAY - ZONE 11 (AMERICA, AFRICA).

1101	Nukualofa, Tonga	21 8	175 12	3·0	1016·3	1016·7	..	?298·9	..	..	?292·3	..	..	?295·6	..	..	78	..
1102	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	300·7	303·0	20th,31st	292·7	287·4	28th,30th	296·7	296·4	+ 0·5	44	-93
1103	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·5	1017·3	+ 0·7	289·3	291·9	21st	283·4	280·0	17th	286·3	286·2	- 0·6	0	-30
1104	∮Valparaiso	23 42	70 24	94	1003·7	1014·9	- 1·8	291·2	294·5	1st	284·4	282·0	28th	287·8	287·4	- 1·5	0	- 1
1105	Catamarca	28 29	65 47	528	957·3	1019·3	+ 5·9	291·8	301·0	3rd,6th	278·5	275·0	19th	285·2	284·7	- 4·2	15	+ 2
1106	Cadia	24 46	65 24	1173	885·4	1017·6	+ 2·0	292·0	300·9	29th	276·1	271·0	19th	284·0	283·5	- 3·9	5	- 4
1107	Goya	29 9	59 15	37	1015·0	1019·5	+ 3·7	293·2	301·1	29th	282·0	277·6	17th	287·6	286·8	- 2·5	49	-20
1108	Asuncion	25 17	57 41	139	1004·2	1020·7	+ 5·3	294·8	301·6	24th	286·3	281·0	21st	290·6	289·7	- 2·2	121	- 2
1109	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1110	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1111	∮Windhoek	22 34	E. 17 6	1727	833·7	1017·1	..	297·2	299·7	12th	283·7	281·4	30th	290·4	290·0	+ 1·7	0	- 8
1112	∮Kimberley	29 36	17 52	933	914·0	1018·8	+ 0·6	296·2	303·4	18th	283·4	277·4	23rd	289·8	289·1	+ 1·7	13	-11
1113	Johannesburg	28 44	24 46	1218	884·7	1020·5	+ 0·5	297·2	301·7	12th	281·3	276·8	24th	289·2	287·1	+ 1·2	0	-19
1114	Salaamyo	26 11	28 4	1806	826·8	1019·2	+ 0·8	294·3	298·1	19th	283·3	280·1	31st	288·8	288·4	+ 3·4	0	-19
1115		20 9	28 35	1349	872·3	1019·3	+ 0·6	298·8	303·8	8th,9th	283·9	279·1	30th	291·3	290·5	+ 2·1	0	- 9
1116	Durban	29 52	31 3	15·2	1017·4	1019·2	- 1·4	297·3	300·8	5th	289·5	286·1	26th	293·4	292·8	+ 0·9	24	-24
1117	Louvenco Marques	25 58	32 36	59·5	..	1019·1	+ 0·1	300·6	308·4	5th	289·9	288·4	22nd,29th	295·3	294·6	+ 1·3	1	-39
1118	Mauritius	20 6	57 33	55·2	1011·2	1017·6	+ 1·3	299·2	301·0	14th	292·3	288·1	3rd	295·7	295·5	+ 0·2	127	+27
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

MAY - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1014·4	1015·0	+ 0·8	299·1	302·4	1st	288·0	280·8	31st	293·6	..	- 1·6	78	+ 1
1160	Cue	27 27	117 52	454	965·8	1018·4	+ 1·1	292·3	299·1	1st	282·3	277·8	25th	287·3	..	- 2·8	30	- 5
1161	Nullagine	21 53	120 5	386	..	..	..	296·8	304·4	2nd	284·3	277·2	31st	290·6	..	- 2·4	64	+ 4
1162	Laverton	28 40	122 23	466	965·7	1020·1	+ 1·2	290·7	294·8	1st,10th	281·0	274·9	29th	285·9	285·8	- 2·8	45	+ 2
1163	Alice Springs	23 38	133 37	587	951·1	1017·8	0·0	295·6	305·5	5th	283·9	275·2	29th	289·8	289·7	+ 1·5	30	- 3
1164	William Creek	28 55	136 21	76·2	1011·2	1020·2	0·0	295·0	303·0	10th	283·3	274·9	31st	289·1	288·8	+ 0·9	7	- 5
1164a	Boulia	22 55	139 38	146	999·2	1016·0	+ 0·3	300·5	310·0	13th	286·6	276·7	28th	293·6	293·5	+ 1·3	20	- 5
1165	Thargomindah	27 58	143 43	123	1004·3	1018·9	+ 0·8	294·2	304·1	6th	285·5	278·2	29th,31st	289·8	289·6	+ 0·3	71	+ 1
1166	Mitchell	26 32	147 52	336	980·6	1019·7	+ 1·8	296·4	303·2	13th	283·1	274·0	30th	289·8	..	+ 2·2	47	- 4
1167	Rockhampton	23 24	150 30	11·3	1016·6	1017·9	+ 0·5	299·9	304·7	2nd	289·8	280·9	30th	294·8	294·1	+ 1·5	52	+ 1
1168	Brisbane	27 28	153 2	41·8	1015·6	1020·1	+ 1·5	296·3	300·5	5th	287·9	281·7	30th	292·1	291·6	+ 1·0	56	+ 1
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1019·8	1021·6	+ 4·0	293·6	296·2	1st	290·5	284·9	28th	292·1	291·8	+ 0·5	149	+ 5

MAY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	♯Juan Fernandez	33 37	78 52	6	1020·9	1021·6	+ 3·2	290·8	294·0	26th	285·8	282·4	24th	288·3	287·8	- 0·2	68	+ 1
1221a	Punta Tumbes	36 37	73 6	120	1005·7	1020·4	+ 4·6	286·3	288·6	5th	280·6	277·8	12th	283·5	283·0	- 1·5	65	+ 4
1222	♯Punta Angeles, Valparaiso	33 1	71 38	41	1013·3	1018·3	+ 1·8	289·7	294·8	2nd	281·8	279·0	17th	285·7	285·2	- 0·8	16	+ 2
1222a	Santiago	33 27	70 42	520	957·7	1019·3	+ 2·4	289·4	299·3	5th	277·8	273·2	17th	283·6	282·4	- 1·1	21	+ 1
1223	Cordoba	31 25	64 12	423	969·6	1020·0	+ 4·6	290·0	299·2	9th	276·1	270·8	18th	283·0	282·6	- 3·6	34	+ 1
1224	Bahia Blanca	38 45	62 16	28·7	1016·8	1020·3	+ 5·8	289·0	298·0	7th	276·4	269·4	14th	282·7	282·4	- 2·1	1	- 1
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1017·7	1020·8	+ 4·0	288·3	294·6	9th	278·4	272·3	16th	284·8	283·3	- 2·5	18	- 2
1226	Montevideo (Prado)	34 52	56 12	24·9	1017·8	1021·2	+ 4·6	288·3	297·4	9th	279·6	271·0	26th	284·0	283·9	- 2·7	26	- 3
1226a	Porto Alegre	30 2	W. 51 13	23·5	1015·5	1018·3	+ 0·8	291·6	299·1	10th	283·6	277·0	6th	287·6	287·5	- 2·4	169	+ 8
1239	Cape Town	33 56	E. 18 29	12·2	1017·5	1019·0	+ 1·1	291·4	301·9	20th	283·9	277·4	27th	287·7	286·2	- 0·2	52	+ 2
1240	♯Danger Point	34 37	19 18	27·7	..	..	..	289·7	294·1	14th,20th	284·2	276·9	25th	286·9	..	- 0·9	24	+ 1
1240a	Klaver	31 47	18 37	41·8	1015·0	1020·0	- 0·7	296·2	308·0	20th	283·3	278·3	24th	289·7	..	- 0·9	8	- 3
1241	♯Riversdale	34 6	21 16	105	..	..	..	294·9	304·6	1st	280·4	271·9	24th	287·7	..	- 0·3	4	- 2
1242	East London	33 1	27 54	45·4	1012·9	1018·3	+ 0·2	295·6	308·0	21st	285·6	279·5	24th	290·6	..	+ 0·8	3	- 3
1259	Perth (Observatory)	31 57	115 51	60·0	1012·8	1020·1	+ 1·7	291·7	297·7	2nd	282·7	277·4	22nd	287·2	287·2	- 1·7	160	+ 6
1260	Katanning	33 42	117 35	310	982·5	1019·5	+ 1·6	289·1	293·7	19th	279·4	273·8	26th	284·2	..	- 1·7	67	- 3
1261	Coolgardie	30 57	121 10	423	970·6	1019·8	+ 0·9	290·6	299·1	2nd	280·1	275·2	14,22,30	285·3	285·2	- 2·0	32	+ 1
1262	Eucla	31 45	128 58	4·6	1018·0	1018·6	- 0·4	291·7	298·6	10th	282·8	278·6	16th,18th	287·3	286·9	- 1·6	56	+ 1
1263	Streaky Bay	32 48	134 13	13·1	1018·5	1020·0	- 0·4	291·1	296·9	10th	284·7	280·2	17,24,31	287·9	287·4	+ 0·2	78	+ 1
1264	♯Adelaide	34 56	138 35	42·7	1014·3	1019·4	- 0·8	291·7	297·9	10th	284·2	279·5	30th	287·9	287·7	+ 0·5	68	+ 1
1265	Melbourne	37 49	144 58	35·1	1014·2	1018·5	- 0·7	290·4	295·7	12th	282·7	275·9	24th	286·6	286·3	+ 1·5	111	+ 1
1266	Bourke	30 13	145 58	110	1009·1	1022·3	+ 1·6	292·2	300·2	11th	283·2	275·8	31st	287·7	..	- 0·8	89	+ 1
1267	Sydney	33 51	151 13	42·1	1014·1	1019·1	+ 0·6	293·2	299·9	12th	285·4	278·2	31st	289·3	288·3	+ 1·4	295	+ 1
1268	Lord Howe Island	31 20	159 0	4·9	1019·7	1020·3	+ 2·9	295·1	297·9	1st	289·9	285·8	5th	292·5	..	+ 1·3	72	+ 1
1271	Auckland	36 51	174 48	40·8	..	1023·0	+ 7·2	288·7	292·4	1st	282·8	276·6	23rd	285·8	..	- 0·9	42	- 2
1272	Napier	39 29	176 55	1·5	..	..	..	287·4	292·4	17,18,25	278·5	272·8	24th	282·9	..	- 2·4		

MAY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	♯Chatham Island	43 52	W. 176 42	45·7	..	1019·5	+10·4	..	..	..	..	..	..	..	..	..	47	+ 1
1321	Isla Guafo	43 34	74 45	140	1002·2	1019·3	+ 5·4	283·0	285·5	6th	280·0	276·5	30th,31st	281·5	281·5	- 0·5	94	+ 2
1322	Punta Galera	40 1	73 44	40	1015·2	1020·1	+ 4·9	285·0	288·5	15th	279·9	276·0	11th	282·5	282·3	- 1·2	145	+ 3
1323	Sarmiento	45 33	69 1	272	983·7	1017·0	+ 6·4	284·5	292·7	6th	271·6	261·8	15th	278·0	278·3	- 1·4	0	- 3
1324	Puerto Madryn	42 46	W. 65 2	14	1016·8	1018·5	+ 6·4	287·0	292·9	17th	273·5	267·3	13th	280·2	281·4	- 2·0	52	+ 1
1365	Launceston	41 27	E.147 10	81·1	1005·5	1015·3	- 0·7	287·9	291·9	13th	280·8	272·4	26th	284·4	283·8	+ 1·7	197	+ 5
1366	Hobart	42 53	147 20	53·9	1006·1	1012·6	- 2·7	288·1	294·1	13th	281·4	275·8	24th	284·8	284·2	+ 1·5	57	+ 1
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·2	293·6	12th	276·4	270·2	2nd	281·8	..	+ 1·0	72	+ 2
1370	Alexandra	45 15	169 24	159	..	..	..	285·9	293·4	17th	273·3	268·0	9th	279·6	..	+ 0·5	10	- 3
1371	Dunedin	45 52	170 31	6·1	..	1019·1	+ 5·1	286·5	292·9	17th	277·4	272·4	2nd	281·9	..	+ 0·1	38	+ 1
1371a	Christchurch	43 32	172 39	7·6	..	1020·2	+ 6·5	286·9	294·6	30th	276·9	271·9	2nd	281·9	..	- 1·3	18	- 3
1372	Wellington	41 16	174 46	128	..	1022·2	+ 7·2	285·8	288·8	17th	280·8	275·8	29th	283·3	283·1		65	+ 1

MAY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	W. 75 6	55	999·9	1006·6	+ 4·7	281·6	283·2	16th,25th	277·7	274·8	29th	279·7	279·7	+ 1·2	273	+ 1
1422	Magallanes	53 10	70 54	28	1003·1	1006·6	+ 4·5	281·1	285·8	16th	275·7	273·0	23rd,29th	278·4	278·2	+ 1·4	11	+ 1
1423	Punta Dungeness	52 24	68 26	5	1005·5	1006·1	+ 5·5	281·4	284·2	2nd,5th	276·5	273·4	4th	278·9	278·9	+ 0·8	11	+ 1
1424	Santa Cruz	50 1	68 31	13	1009·9	1011·5	+ 6·5	282·5	288·6	18th	274·7	268·2	23rd	278·6	277·9	- 0·2	2	- 1
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1008·1	+ 5·3	278·6	282·4	14,17,19	273·6	268·6	24th	276·1	..	- 1·0	51	+ 1
1426	Cape Pembroke	51 41	57 42	21·3	1004·8	1007·4	+ 6·1	280·4	282·4	15th,16th	275·2	271·9	24th	277·8	278·2	+ 0·5	149	+ 2
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	1004·2	1004·7	+ 9·3	275·5	285·2	29th	270·6	264·6	10th	273·1	272·7	- 0·4		

MAY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43	44 47	7	996·5	997·4	+ 4·7	273·3	278·1	26th	265·1	254·5	4th	269·2	269·0	+ 3·0	35	+ 1
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, JUNE 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JUNE, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

JUNE - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
147	Cala Bay	80 20	52 48	5·9	1018·4	1019·2	..	..	281·4	..	..	264·0	..	..	272·3	..	5	..

BETWEEN LATITUDE 80° N. AND 70° N.

JUNE - ZONE 1.

104	Wrangell Island	N.	W.															
105	Barrow	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
121	Pond Inlet	71 23	156 17	4·6	..	1015·9	+ 0·2	277·5	286·9	30th	271·7	266·3	27th	274·6	..	0·0	0	- 7
125	Spermivik	72 43	78 30	4·0	..	1015·4	..	280·2	288·6	23rd	273·8	270·8	3rd	277·0	277·1	..	8	..
131	Wyzbukta	72 47	56 7	19·2	1015·5	1017·8	+ 5·8	282·7	288·5	29th	275·6	271·1	1st	279·1	279·3	+ 4·6	2	-11
135	Scoresbysund	73 29	21 34	3·2	1024·0	1024·4	..	..	280·7	29th	..	270·8	2nd	..	275·2	..	0	..
136	Jan Mayen	70 29	21 58	16·9	1017·6	1019·7	..	278·4	284·1	29th	271·2	268·1	1st	274·8	275·1	..	..	..
139	Dwalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	1012·7	1015·6	+ 2·3	..	278·8	19th	273·5	270·4	4th	..	275·2	- 0·5	7	- 8
143	♯Ifjorden	78 13	E. 15 38	53·0	1009·7	1016·3	+ 3·4	..	284·4	30th	274·9	269·1	3rd	..	276·8	..	1	..
144	Mingöy	74 28	19 17	29·2	1007·8	1011·5	- 0·8	..	279·7	29th	272·0	268·5	4th	..	273·3	- 1·4	12	- 8
145	Sletnes	71 4	24 6	4·3	1006·5	1007·0	- 4·6	..	284·4	29th	276·6	272·5	4th	..	278·1	- 1·4	52	+17
147	♯Vardö	71 5	28 14	10·2	1006·4	1007·7	- 4·6	..	283·5	27th	275·5	272·0	4th	..	277·1	..	54	..
148	♯Malye Karmakouly	70 22	31 5	12·1	1005·2	1006·7	- 6·5	..	285·7	21st	275·6	272·0	4th	..	277·2	- 1·5	65	+26
150	♯Belgatch	72 23	52 44	15·3	1007·4	1009·3	- 2·1	..	284·3	..	..	268·8	..	..	274·3	+ 0·3	58	+40
153	Cape of Desire (Zhelanya)	70 24	58 48	11·2	1007·1	1008·5	- 2·9	277·4	291·6	..	272·3	266·8	..	274·9	274·4	+ 0·5	25	+ 6
162	♯Dikson	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Boulounе	73 30	80 23	13·0	1010·8	1012·4	+ 2·0	274·2	282·5	..	270·8	263·4	..	272·5	272·3	- 0·3	19	+ 3
		70 45 N.	127 47 E.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

JUNE - ZONE 2.

201	Frederikshavn	N.	W.															
202	Sarvoonga	64 52	175 42	?31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	63 43	170 20	5·5	..	..	..	277·1	281·3	28th	271·9	266·9	2nd	..	..	..	..	..
204	Bethel	64 30	165 24	6·7	1010·8	1011·5	- 1·0	282·4	292·4	15th	274·6	266·3	2nd	278·5	278·3	- 1·7	2	..
205	Tanana	64 45	161 47	11·6	..	1010·1	- 1·8	290·7	298·0	23rd	278·4	271·9	2nd	284·6	..	+ 0·4	16	-16
206	Rampart	65 10	152 6	69·5	1000·7	1008·4	- 3·0	293·1	300·2	23rd	278·9	272·4	2nd,3rd	286·0	285·6	- 0·8	35	+ 2
207	Valdez	65 30	150 15	114	..	..	..	292·8	299·7	22nd	277·4	270·2	3rd	285·1	..	- 2·3	24	- 1
208	Eagle	61 7	146 16	122	..	..	..	283·7	290·2	23rd	276·2	272·4	1st	279·9	..	..	22	- 3
209	Nelson	64 46	141 12	250	977·3	1007·4	- 3·1	294·2	299·1	18th,19th	278·3	269·1	3rd	286·2	285·7	- 0·2	68	..
210	Kiklavik	64 4	139 29	324	969·2	1007·2	..	293·8	299·7	18th	278·9	271·9	3rd	286·3	286·2	- 0·5	44	+ 6
211	Fort Good Hope	68 14	134 50	7·6	1010·5	1011·4	..	287·6	297·4	20th	277·6	272·4	3rd	282·6	282·3	..	37	+ 6
212	Fort Simpson	66 15	128 38	65·2	1006·2	1014·0	..	292·9	300·8	20th	278·3	270·8	1st,2nd	285·6	287·3	+ 0·4	15	..
213	Bay River	61 52	121 15	126	994·8	1009·8	..	293·0	298·6	16th	280·7	273·0	3rd	286·8	286·9	+ 0·7	6	-13
214	Coppermine	60 51	115 57	161	991·0	1010·5	..	287·6	296·9	16th	276·9	272·4	4th	282·3	282·1	- 0·7	21	-20
215	Chesterfield	67 49	115 10	4·6	1013·0	1013·6	..	283·2	298·6	22nd	275·2	271·3	5th	279·2	279·2	..	39	+10
216	Nottingham Island	63 45	91 50	4·0	1007·0	1007·5	..	278·4	290·8	30th	273·2	269·7	1st	275·8	275·9	0·0	9	..
217	Hope's Advance	63 7	77 56	16·5	1005·4	1007·4	..	277·7	285·2	21st	272·6	268·6	2nd	275·1	275·1	..	67	..
218	Resolution Island	61 5	69 33	73·2	999·6	1008·7	..	277·2	288·6	26th	272·8	269·7	1st,6th	275·0	275·3	..	..	..
219	Jacobshavn	61 18	64 53	38·7	1007·0	1011·8	..	276·9	284·1	27th	272·5	270·8	15th,18th	274·7	274·7	..	56	..
220	Godthaab	69 13	51 2	31·6	1010·7	1014·6	+ 3·6	283·8	289·0	16th	277·4	273·1	2nd	280·6	281·3	+ 3·6	46	..
221	Scoresbysund	64 10	51 43	20	..	..	..	285·3	292·6	27th	276·4	273·6	20th	280·9	279·9	+ 2·5	1	-20
222	Ivigtut	61 12	48 10	30·0	1012·8	1016·5	+ 6·9	285·7	292·4	22nd	276·5	272·1	5th	281·1	281·3	+ 0·2	34	+ 1
223	Angmagssalik	65 36	37 33	29·3	1014·8	1018·5	+ 5·5	282·7	289·0	28th	273·8	269·0	1st	278·3	278·3	+ 0·4	134	+57
224	Stykkisholm	65 5	22 46	25	..	1014·8	+ 3·6	284·2	287·5	24th	277·9	273·4	4th	281·1	281·0	+ 0·2	16	-33
225	Westmanno	63 24	20 17	122	..	1014·8	+ 2·8	282·8	288·0	23rd	278·1	275·8	9th	280·5	280·5	- 0·9	27	-12
226	Grimsey	66 33	18 1	22	..	1016·7	+ 4·1	280·7	286·0	24th	..	..	..	..	277·9	- 0·6	67	-16
227	♯Akureyri	65 41	18 5	7	..	1016·2	+ 3·6	283·4	288·6	24th	277·6	274·0	4th	280·5	280·4	- 2·4	17	- 1
228	Teigarhorn	64 41	14 22	18	..	1015·1	+ 2·8	285·1	293·3	25th	277·3	272·8	1st	281·2	280·5	+ 0·2	9	..
229	Hjalte	64 3	6 45	22·9	1011·1	1013·9	- 0·1	282·8	287·4	13th	278·0	274·5	3rd	280·4	280·5	- 1·7	31	-34
230	Lerwick	60 8	W. 1 11	18·0	..	1012·7	- 1·3	284·2	288·0	13th,17th	280·3	276·3	5th	282·3	282·2	- 0·4	117	+49
231	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1006·6	1012·0	- 1·4	286·8	291·0	11th	280·5	276·8	4th	283·7	283·0	- 1·9	63	+18
232	Aalesund	62 28	6 10	6·3	1010·5	1011·3	- 2·5	..	293·0	26th	279·4	275·4	4th	..	281·3	- 2·8	244	+155
233	Trondheim	63 26	10 26	59·2	1002·3	1009·5	- 4·5	284·8	292·7	26th	278·6	273·9	5th	281·7	281·5	- 3·5	175	+122
234	Bodö	67 17	14 26	17·0	1004·5	1006·5	- 7·0	..	288·5	16th	278·0	273·8	7th	..	280·7	- 2·1	96	+53
235	Haparanda	65 50	24 9	9·2	1002·8	1003·9	- 7·2	285·1	291·0	24th	278·3	274·0	3,5,6	281·7	281·7	- 2·8	103	+50
236	Helsingfors	60 10	24 57	11·7	1006·3	1007·7	- 4·7	288·7	294·4	26th	280·8	276·2	6th	284·7	284·5	- 2·3	71	+34
237	Kuopio	62 55	27 40	233	977·0	1005·0	- 6·4	286·8	295·5	27th	278·4	273·0	24th	282·6	281·8	- 4·6	50	+ 4
238	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	107	+49
239	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
240	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
241	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
242	Ust-Tsylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
243	Tchernyn	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal		Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1006·2	1007·8	- 3·7	279·1	294·1	..	272·9	265·5	..	276·0	275·9	+ 1·1		44	+2
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..		..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..		..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..		..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..		..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..		..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..		..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..		..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..		..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..		..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..		..	..
268	Naiskhen	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..		..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	..	..	..	..	..	..	..	..	..		..	..

JUNE - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal		Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1011·8	0·0	280·3	283·6	30th	275·4	273·0	6th,7th	277·8	..	- 0·1	25	45
303	◊Dutch Harbor	53 55	166 30	4·0	1008·8	1009·5	- 2·0	283·3	285·8	6,7,10	277·6	274·1	11th	280·4	280·2	- 0·4	102	..
304	Chornofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..		..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..		20	-50
306	Kodiak	57 48	152 22	4·6	1009·1	1009·8	- 3·6	288·3	295·8	12th	275·8	269·7	18th	281·1	..	- 3·5		196	..
								286·2	293·6	14th,15th	279·3	275·8	1st	282·7	282·1	- 0·3			
309	Sitka	57 3	135 19	19·8	..	..	..	..	..	..	..	..	..	..	..	..		..	..
310	◊Prince Rupert	54 18	130 18	51·8	1007·6	1013·9	- 2·5	289·8	298·6	14th,30th	280·4	274·1	3rd	285·1	..	+ 1·3		125	-50
311	Prince George	53 50	122 48	570	943·1	1008·9	..	289·6	296·3	14th	281·2	277·4	2nd	285·4	285·5	+ 0·6		45	..
312	◊Kamloops	50 41	120 20	385	968·0	1012·5	- 2·6	293·9	302·4	7th	279·3	270·2	3rd	286·6	286·4	+ 0·3		73	..
								295·7	306·3	7th	285·1	280·8	3rd	290·4	290·4	- 0·5		32	..
313	Calgary	51 2	114 2	1058	888·8	1006·6	- 3·4	293·4	301·9	15th	280·5	275·8	4th	286·9	286·7	+ 0·4		55	..
314	Fort Smith	60 0	111 52	207	984·7	1008·9	..	291·8	299·7	16th,26th	278·8	267·4	4th	285·3	285·4	+ 0·3		49	..
315	Prince Albert	53 10	105 45	436	958·9	1009·4	- 1·9	295·6	308·6	26th	282·4	274·7	3rd	289·0	288·9	+ 1·4		72	..
316	Qu'Appelle	50 31	103 56	654	935·2	1008·8	- 2·5	298·6	310·8	27th	282·7	272·4	20th	290·6	290·8	+ 2·5		39	..
317	Minnedosa	50 15	99 50	515	951·1	1009·9	- 1·4	298·4	315·2	17th	282·7	270·2	7th	290·6	290·6	+ 2·2		45	..
318	Berens River	52 18	97 2	219	..	..	..	296·8	312·4	29th	282·4	274·1	7th	289·6	..	+ 2·5		57	..
319	Pagwa	50 3	85 18	189	..	..	..	298·9	309·1	30th	278·0	270·8	21st	288·4	..	+ 1·0		10	..
320	Moose Factory	51 14	80 30	9·1	1010·1	1011·2	..	293·4	305·8	29th	280·1	272·4	17th	286·7	286·3	+ 0·9		..	..
321	Fort George	53 50	79 5	97·5	..	..	..	295·1	303·0	29th	277·1	271·9	20th	283·1	..	+ 1·4		55	..
322	Mistassini Post	50 30	73 55	383	..	..	..	292·9	304·7	29th,30th	279·5	273·0	21st	286·2	..	+ 0·7		..	..
323	Fort Chimo	58 10	68 10	15·2	1008·6	1010·4	..	287·9	299·7	26th	275·7	269·1	1st,19th	281·8	281·8	+ 0·6		77	..
324	Nateshkwan	50 14	61 48	6·1	..	..	..	289·2	296·9	4th	279·5	273·6	25th	284·3	..	+ 1·4		..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..		..	..
333a	62°-57°N. 20°-15°W.	†† 59 41	†† 17 32	§ (34)	..	..	..	..	..	Sea Temp. 283·2	..	-0·2	..	..	283·6	..		147	88
334	Valentia Observatory	51 56	10 15	13·7	1013·3	1015·0	- 1·0	289·0	292·5	4th	284·9	281·6	17th,30th	286·9	287·0	+ 0·2		88	..
335	Aberdeen	57 10	W. 2 6	26·0	1010·7	1013·9	- 0·9	287·2	294·4	26th	281·3	277·9	24th	284·3	284·3	- 0·2		51	..
336	Greenwich	51 29	0 0	46·3	..	1016·9	+ 0·5	294·9	299·7	14th,28th	283·9	278·0	26th	289·4	288·7	+ 0·7		..	..
337	Uccle	50 48	E. 4 22	100	1005·6	1017·5	+ 1·3	296·2	304·1	14th	284·0	278·4	21st	290·1	289·2	+ 1·2		35	..
338	De Bilt	52 6	5 11	3·0	1016·9	1017·3	+ 1·4	293·4	299·9	15th	283·4	279·2	21st	288·4	288·3	0·0		85	..
338a	Hamburg	53 33	9 58	40·3	1011·5	1016·4	+ 1·2	292·6	300·2	17th	284·1	278·5	4th	288·3	287·9	- 0·6		61	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1013·8	1014·4	+ 0·2	290·8	296·4	17th	282·7	276·0	6th	286·7	286·8	- 0·1		37	..
340	Potsdam	52 23	13 4	84·9	1006·7	1016·8	+ 1·8	294·7	301·9	17th	284·4	279·0	4th	289·5	289·3	+ 0·4		100	..
340a	Uppsala	59 51	17 38	24	1005·3	1008·2	- 4·6	290·6	298·3	26th	279·9	273·9	9th	285·3	285·4	- 1·7		18	..
341	Warsaw	52 13	21 3	88·3	1005·4	1015·9	+ 3·3	294·7	303·6	18th	285·1	279·6	6th	289·9	290·0	+ 1·0		77	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	999·8	1009·5	- 3·2	290·5	298·1	2nd	281·1	273·4	6th	285·8	285·6	- 2·4		40	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..		..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..		..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..		58	..
346	Kazan	55 47	49 8	80·6	1001·4	1010·9	- 0·3	297·4	305·7	26th	..	..	..	..	..	+ 0·9		..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	285·7	276·1	1st	291·5	291·3	..		..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..		..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..		..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..		..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..		..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..		..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..		..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..		..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..		..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..		..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..		..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..		..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..		..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..		..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..		..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..		..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..		..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..		..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..		..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..		..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..		..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..		..	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal		Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
431	Victoria, B.C.	48 24	123 19	70·1	1006·6	1015·0	- 1·5	290·4	300·2	5th	283·1	281·3	1st	286·7	286·3	- 0·2		110	+89
432	Portland, Oregon	45 32	122 41	46·6	1010·5	1015·9	- 1·4	295·6	305·8	6th	285·6	281·3	3rd	290·6	289·9	+ 1·3		80	+39
433	◊Macleod	49 44	113 24	953	..	..	..	296·4	305·2	16th	282·1	274·1	4th	289·3	289·5	+ 1·4		59	-12
434	Helena	46 34	112 4	1257	872·3	1011·5	- 0·5	297·7	307·4	26th	283·5	278·0	5th	290·6	290·1	+ 2·0		42	-17
434a	Salt Lake City	40 46	111 54	1329	864·9	1009·5	- 0·6	302·8	308·6	27th	289·4	283·6	17th	296·1	296·1	+ 2·8		8	-13
435	Cheyenne	41 8	104 48	1856	814·1	1011·2	+ 0·5	299·0	305·8	28th	284·4	279·1	7th	291·7	291·1	+ 2·4		41	+ 3
436	North Platte	41 8	100 45	860	914·0	1010·1	- 1·5	304·4	311·3	27th	289·9	281·9	7th	297·2	296·9	+ 3·8		67	-13
437	Bismarck	46 47	100 48	510	951·2	1010·1	- 1·8	300·6	313·0	28th	287·2	279·1	5th	293·9	293·7	+ 2·9		42	-43
438	Winnipeg	49 53	97 7	232	983·9	1010·9	..	298·2	309·1	17th	285·4	274·1	7th	291·8	291·8	+ 2·0		29	-50
	Duluth	46 47	92 6	345	973·9	1014·5	+ 1·4	294·1	307·4	29th	283·0	278·0	1st	288·6	287·9	+ 1·3		116	+10
439	Fort Arthur	48 27	89 12	196	990·5	1013·7	- 0·4	292·7	305·2	19th	282·5	275·8	8th	287·6	287·4	+ 0·8		59	-11
440	Chicago	41 47	87 35	205	990·8	1015·2	+ 0·7	299·3	309·7	28th	290·8	281·9	1st	295·1	294·1	+ 2·0		121	+37
441	Toronto	43 40	79 24	116	998·8	1012·4	- 2·5	297·8	306·3	30th	286·4	279·7	2nd	292·1	292·0	+ 1·4		55	-13
442	New York (Central Park)	40 47	73 58	47·4	1009·1	1014·6	- 1·1	299·3	309·1	20th	289·7	285·8	10th	294·5	294·3	+ 0·2		96	+ 9
442a	St. John, N.B.	45 17	66 4	36·3	1009·5	1013·8	..	292·2	301·9	20th	283·1	281·3	4th	287·6	287·3	+ 1·2		76	- 7
443	S.W. Point, Anticosti	49 24	63 33	9·1	1012·4	1013·5	..	286·4	291·3	28th	280·1	274·7	8th	283·2	283·6	+ 0·7		79	+ 6
444	Sable Island (Main Station)	43 57	60 6	7·6	1013·9	1014·8	..	287·6	290·8	19,21,30	282·7	278·6	14th	285·1	284·8	+ 1·7		68	-23
526	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..		..	..
535	Madrid	40 24	3 41	667	941·2	1016·0	+ 0·5	302·5	311·1	11th	288·1	283·8	1st	295·3	294·7	+ 2·7		36	0
536	Nantes	47 15	W. 1 34	36·5	1013·4	1017·7	+ 0·3	296·0	302·3	4th	285·4	280·1	2nd	290·7	290·6	+ 1·2		22	-35
537	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1012·4	1018·4	+ 1·1	296·3	305·0	14th	285·7	282·5	21st	291·0	291·0	+ 1·5		38	-18
538	Marseille	43 18	5 23	75	..	1017·0	+ 2·2	301·3	306·6	14th	288·9	281·7	5th	295·1	295·2	+ 2·5		3	-25
539	Zürich	47 23	8 33	493	961·2	1017·8	+ 1·2	298·8	308·6	14th	285·9	281·0	3rd	292·3	291·4	+ 2·2		138	+ 5
540	Rome	41 54	12 29	45·5	1012·0	1017·3	+ 2·2	304·5	308·1	23rd	291·4	286·0	2nd	297·5	297·7	+ 2·9		0	-40
540a	Vienna	48 15	16 22	203	993·1	1016·8	+ 2·0	297·7	303·3	29th	287·2	282·8	2nd	292·4	292·3	+ 1·0		73	+ 3
541	Budapest	47 31	19 1	130	1000·9	1016·1	+ 2·1	301·6	307·1	18th	288·7	284·2	27th,28th	295·1	294·7	+ 2·3		40	-31
542	Sofia	42 42	23 20	550	953·2	1015·5	+ 1·4	299·0	305·2	26th	287·5	284·5	6th,11th	293·3	293·7	+ 2·4		68	-13
543	Bucharest	44 25	26 6	82	1005·5	1015·0	+ 2·2	301·3	305·9	21st	289·4	286·1	28th	295·3	295·0	+ 1·5		111	+23
544a	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	297·9	..	..	290·1	..	..	294·0	..	+ 1·0		..	..
545	Novorossiisk	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..		..	..
546	Tiflis	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..		..	..
547	Astrakhan	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..		..	..
548	Fort Alexandrovsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..		..	..
	Kramovodsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..		..	..
549	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..		..	..
550	Tashkent	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..		..	..
551	Andijan	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..		..	..
552	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..		..	..
553	Mouklen	41 46	123 24	44·3	998·4	1003·5	- 0·9	300·0	305·8	22nd	288·1	282·8	4th	294·1	293·8	- 0·9		137	+49
554	Joshin	40 40	129 12	31·9	1004·7	1008·5	+ 1·4	288·4	294·2	30th	282·9	280·1	2,14,15	285·7	285·3	- 3·2		127	+69
555	Iiki	42 20	130 24	63·8	1001·3	1009·0	+ 1·8	286·3	297·4	29th	282·3	278·8	8th	284·3	284·0	- 3·6		244	+160
556	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..		..	..
556a	Ochiai	47 20	142 47	27·4	1009·8	1013·2	+ 4·5	284·9	298·4	19th	276·8	271·7	1st	280·9	280·4	- 3·4		54	-28
557	Samuro	43 20	145 35	26·7	1010·3	1013·6	+ 3·5	285·1	291·7	20th	279·4	275·4	4th	282·3	281·9	- 1·0		135	+42
558	Syana	45 14	147 53	39·3	1009·1	1013·9	+ 3·6	285·1	295·4	20th	278·0	272·4	13th	281·5	281·1	- 1·1		56	- 3
		N.	E.																

JUNE - ZONE 5 (AMERICA).

BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal		Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
562	San Francisco	37 48	122 26	47·2	1009·1	1014·5	+ 0·2	293·0	301·9	25th	286·3	284·1	4th	289·7	289·0	+ 2·7		8	+ 4
562a	Sacramento	38 35	121 30	21·0	1009·8	1012·5	+ 0·4	301·5	310·8	25th	286·4	283·0	3rd	294·0	293·9	+ 0·2		7	+ 4
563	San Diego	32 43	117 10	26·5	1010·1	1013·2	+ 0·3	296·6	308·6	24th	290·2	288·0	6th	293·4	292·9	+ 2·9		0	- 2
564	Modena	37 48	113 54	1668	832·7	1009·5	+ 0·2	300·6	305·2	24th	282·2	278·0	8th	291·4	291·3	+ 0·9		5	- 4
565	Santa Fé	35 41	105 57	2138	789·7	1009·8	+ 1·2	299·9	304·7	24th	285·4	278·0	10th	292·7	292·9	+ 1·0		22	- 8
566	Denver	39 45	105 0	1613	837·8	1011·5	+ 0·7	301·8	308·6	28th	287·9	283·0	11th	294·8	294·0	+ 2·2		16	-18
567	Abilene	32 23	99 40	530	953·2	1012·8	+ 0·9	307·3	310·2	11th	294·3	287·4	1st	300·8	300·0	+ 1·7		31	-38
568	Saint Louis	38 38	90 12	173	994·6	1014·9	+ 0·4	304·9	311·9	29th	294·0	285·2	1st	299·4	299·4	+ 2·5		50	-66
569	Mobile	30 41	88 2	17·4	1014·5	1016·6	+ 1·1	305·1	309·7	29th	294·7	288·6	2nd	299·9	299·0	+ 0·7		17	-119
570	Nashville	36 10	86 47	166	997·6	1016·9	+ 1·4	304·9	310·8	29th	291·9	283·6	9th	298·4	298·1	+ 1·0		59	-48
571	Charleston	32 47	79 56	14·6	1014·9	1016·6	+ 0·3	302·4	309·1	28th	295·1	290·2	9th	298·8	298·8	+ 0·2		62	-60
572	Washington	38 54	77 3	34·1	1011·2	1015·2	- 0·3	301·2	310·2	20th	290·7	284·1	3rd	295·9	295·6	+ 0·5		54	-51
574	Bermuda	32 17	64 46	38·1	1013·1	1017·5	..	300·1	303·0	24th	293·4	290·8	5th	296·7	296·6	- 0·7		66	-45
		N.	W.																

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1015·8	1021·2	- 3·4	293·7	297·3	26th	289·1	285·9	13th	291·4	291·2	- 1·0	112	+40
531	Horta	38 32	28 38	65	1012·9	1020·8	- 3·2	294·6	297·7	25th	288·0	285·6	12th	291·3	291·0	- 1·1	70	+11
532	Ponta Delgada	37 44	25 40	22	1018·1	1020·8	- 2·6	293·0	294·4	16th	288·7	285·0	4th,5th	290·9	291·0	- 0·7	77	+ 9
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	13	- 5
533	Madeira (Funchal)	32 38	16 55	25	1018·2	1021·2	+ 0·4	295·4	298·0	13th	290·5	288·8	2nd	293·0	293·2	+ 0·7	12	- 6
535	Lisbon	38 43	9 9	95	1006·2	1017·4	+ 0·1	297·2	306·7	10th	289·0	286·2	1st	293·1	292·7	+ 0·4	5	- 5
536	Gibraltar	36 6	5 21	27·4	..	1017·2	- 0·3	300·9	305·8	11th	290·6	285·8	1st	295·7	294·4	+ 1·3	1	- 4
536a	Colomb-Béchar	31 37	W. 2 13	769	..	..	..	304·4	313·2	10,20,30	296·1	291·6	23rd	300·3	..	- 0·7		
537	Palma	39 34	E. 2 39	23	1014·6	1017·3	- 0·1	303·3	310·8	13th	290·8	286·2	2nd,3rd	297·1	296·9	+ 2·1	1	-11
538	Algiers	36 46	3 13	59	1009·7	1016·5	+ 0·5	301·4	311·1	13th	293·8	290·2	1st	297·6	296·9	+ 2·0	0	- 8
538a	Gadames	30 18	9 30	351	..	..	..	315·0	321·3	20th	294·7	290·4	14th	304·9	..	- 0·2	3	- 1
539	Tunis	36 48	10 10	66	1009·3	1016·9	+ 1·8	304·9	315·0	22nd	292·5	285·4	5th	298·7	297·3	+ 1·9	1	- 4
540	Malta	35 54	14 31	71·2	..	1016·7	+ 2·0	302·1	310·2	26th	294·4	289·7	6th	298·3	297·4	+ 2·7	24	+ 9
541	Athens	37 58	23 43	107	1001·7	1014·0	+ 1·3	304·5	314·0	26th	293·4	287·6	5th	298·9	298·7	+ 1·8	0	- 4
542	∮Alexandria	31 12	29 53	32·0	1009·1	1012·8	+ 0·1	301·3	309·5	4th	294·0	291·8	9th	297·7	297·3	+ 0·5		
543	Ankara	39 58	32 48	861	915·7	1011·4	- 0·2	298·1	302·8	26th	285·1	279·9	16th	291·6	292·2	..	52	+19
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1009·3	+ 0·5	305·7	312·4	28th	295·8	293·6	1st	299·6	299·2	+ 0·3	27	- 2
544	∮Beirut	33 54	35 28	33·7	..	1010·2	- 0·7	302·7	305·2	27th,28th	291·4	288·6	13th	298·6	..	+ 0·9	3	- 1
545	Hinaidi	33 17	44 29	32·9	1000·8	1004·6	+ 0·9	313·3	318·6	30th	294·3	292·3	2nd	298·5	298·2	+ 0·9	0	- 4
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	296·2	292·4	2nd,17th	304·7	305·5	- 0·6	..	..
547	Tehran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	3	+11
548	Meshed	36 17	59 36	946	..	..	..	304·2	308·4	30th	291·6	284·6	4th	297·9	297·5	- 1·7	41	+25
549	Seistan	31 2	61 30	?610	949·7	..	..	302·5	309·2	16th	..	..	..	..	..	..	0	- 1
550	Quetta	30 10	67 1	1647	831·5	..	+ 0·8	308·8	314·4	17th	295·8	289·0	4th	302·3	..	- 1·5	1	- 2
551	Peshawar	34 1	71 35	355	961·4	999·5	+ 1·3	305·5	309·1	18th,19th	288·2	283·6	9th	296·8	296·4	0·0	2	- 2
551a	Lahore	31 35	74 20	214	975·8	999·1	+ 1·2	313·1	316·9	29th,30th	297·7	292·4	8th	305·4	305·2	- 0·7	1	- 2
552	Simla	31 6	77 10	2202	778·8	..	+ 0·7	314·9	319·1	11th	298·4	294·1	9th	306·7	306·6	- 0·3	31	+14
552a	Leh	34 9	77 34	3503	667·1	..	+ 1·5	298·1	302·4	30th	289·8	282·4	15th	293·9	293·5	+ 1·0	4	- 1
558	Sian	34 31	109 5	365	958·5	998·3	..	292·7	298·0	22nd	278·5	275·2	2nd	285·6	285·0	- 1·9	26	- 6
559	Hankow	30 35	114 17	39·1	1000·2	1004·7	- 0·7	309·1	316·5	?	295·2	291·3	?	302·1	303·1	..	148	+67
560	Tientsin	39 9	117 9	6·4	1002·4	1003·1	- 1·5	304·1	309·5	25th	296·0	292·3	7th	300·0	299·6	+ 0·9	67	+17
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·2	1005·0	- 1·3	305·3	312·2	5th	291·8	284·2	11th	298·5	297·8	+ 0·5	140	+53
562	Jinsen (Chemulpho)	37 29	126 38	70·4	998·5	1006·7	- 0·2	302·3	308·5	26th,28th	292·5	287·0	2nd	297·4	296·6	+ 0·6	53	-37
562a	Nagasaki	32 44	129 52	133	992·5	1007·8	- 0·6	297·4	302·5	30th	288·8	283·5	2nd	293·1	292·5	+ 0·2	225	+ 5
563	Kyoto	35 1	135 44	42·9	1003·4	1008·4	- 0·2	298·1	301·5	18th	291·0	286·2	3rd	294·5	294·1	- 0·4	206	+76
564	Tokyo	35 41	139 46	5·8	1008·8	1009·5	+ 0·3	300·4	304·4	27th	289·3	282·9	4th	294·9	294·5	+ 0·4	115	+39
565	Hukusima	37 45	140 28	68·5	1002·1	1010·1	+ 1·3	297·3	302·9	29th	289·7	286·4	10th	293·5	293·4	- 0·1	139	+67
566	Miyako	39 38	141 59	30·4	1007·1	1010·7	+ 1·4	296·1	302·2	28th	287·0	280·9	4th	291·5	291·0	- 1·2	217	+71
		N.	E.					292·6	300·6	29th	284·3	279·3	7th	288·5	287·8	- 1·2		

JUNE - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1016·3	1017·0	..	304·2	306·9	sev.dates	291·3	285·2	4th	297·8	296·9	+ 0·8	19	- 3
605	Honolulu	21 19	157 52	11·6	1016·6	1017·9	+ 0·7	300·7	301·9	9th	295·9	293·6	8th	298·3	298·2	+ 0·5	5	- 3
613	∮Guaymas	27 55	110 53	8·3	1009·3	1010·2	+ 0·8	307·7	311·5	14th	298·1	293·8	5th	302·9	301·8	+ 0·8	0	- 2
614	La Paz, Mexico	24 10	110 20	12	1007·1	1008·4	..	305·7	308·7	13th	296·3	292·5	4th	301·0	300·4	- 0·7	19	+ 4
615	Leon	21 7	101 41	1809	820·6	1006·8	- 0·4	302·3	305·9	7th	288·2	285·7	5th	295·3	294·7	- 1·0	14	+ 1
616	∮Monterry	25 40	100 18	528	953·1	1011·5	+ 1·8	303·6	307·5	12th	295·0	292·4	5th	299·3	298·8	- 0·8	48	+23
617	Tulancingo	20 5	98 22	2181	790·5	..	+ 0·8	297·0	303·0	11th	283·9	280·4	5th	290·5	289·2	- 0·2	44	+20
618	Galveston	29 18	94 50	16·5	1014·5	1016·6	+ 2·0	302·0	304·7	25th	297·9	294·7	1st	299·9	299·5	+ 0·4	65	+36
618a	New Orleans	29 57	90 4	16·2	1014·5	1016·2	+ 1·0	304·9	308·0	29th	295·9	293·0	5th	300·4	300·0			
619	Merida, Yucatan	20 58	89 38	22	1010·7	1013·2	0·0	305·2	308·4	sev.dates	296·5	295·0	9th	300·9	299·6	- 0·2	190	+65
620	Havana	23 7	82 25	?7·0	1005·5	1014·3	- 1·1	303·4	305·4	27th	295·8	293·6	1st	299·6	299·2	..	205	+80
620a	Key West	24 33	81 48	6·7	1014·9	1015·6	+ 0·1	303·5	305·8	16th	297·7	294·7	22nd	300·6	300·4	+ 0·1	40	- 2
621	Nassau, Bahamas	25 5	77 20	9·6	..	1015·2	- 1·6	303·0	305·2	25th,28th	296·7	293·6	8th	299·9	299·9	- 0·5	25	- 1
622	San Salvador (Watling Island)	24 6	74 26	33·5	1013·0	1016·8	- 0·1	..	303·0	9th	..	296·9	4,6,24	..	299·6	..	..	..
633	Port Etienne	20 56	17 3	4	1014·9	..	..	300·9	311·2	14th	289·1	286·0	2nd	295·0	293·2	..	0	- 1
634m	Isaña	28 19	16 30	2367	771·9	..	+ 1·1	291·6	297·6	13th	283·0	277·9	5th	287·3	287·0	+ 1·4	13	+ 1
634	La Laguna	28 28	16 20	547	954·5	1017·5	- 0·5	295·3	299·8	12th	285·4	282·0	29th	290·4	289·7	- 0·7	0	- 1
636	Adrar	27 52	W. 0 17	?285	981·1	1011·9	..	318·4	321·9	27th	299·6	292·9	14th	309·0	310·4	..		
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	865·2	1004·0	..	311·1	316·2	25th	293·8	290·9	13th	302·5	302·8	+ 1·2	1	- 1
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	0	- 1
640	Hon	29 8	15 56	263	..	..	..	..	..	..	..	..	..	..	..	..	0	- 1
641	Giarabub	29 44	24 30	12	..	..	..	311·1	316·2	25th	..	..	..	..	..	..	0	- 1
642	Siwa	29 12	25 29	-23	1015·2	1012·6	+ 0·1	..	..	..	293·8	290·9	13th	302·5	..	..		
643	Cairo (Helwan)	29 52	31 20	116	997·6	1010·8	0·0	306·7	315·7	5th	293·3	290·5	9th	..	301·2	..	0	- 1
643a	Aswan	24 2	32 53	100	996·7	1007·8	+ 0·4	314·1	318·6	28th	293·2	290·9	8th	299·9	300·2	+ 0·2	0	- 1
644	Tor	28 14	33 37	1·9	1008·0	1008·2	+ 1·1	306·5	311·2	6th	297·7	294·4	14th	305·9	305·6	+ 1·0		
		N.	E.								297·1	294·5	10th	301·8	300·9			

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1001·2	1001·8	..	306·6	313·2	14th	300·5	296·3	21st	303·6	302·9	+ 0·5	0	0
648	Jask	25 45	57 45	4·0	999·7	1000·3	..	308·8	314·3	24th	301·2	298·5	14th	305·0	304·3	- 0·1	0	- 2
649	Karachi	24 48	66 59	4·0	1002·1	1002·6	+ 2·2	305·7	306·3	sev.dates	301·5	299·7	8th,9th	303·6	302·9	+ 0·3	0	-22
650	Jacobabad	28 17	68 29	56·7	993·2	999·4	+ 2·1	317·2	321·3	11th	301·5	297·4	9th	309·3	308·8	- 1·0	0	- 5
651	Jaipur	26 55	75 50	436	954·3	1000·8	+ 1·6	315·2	318·6	10th	300·7	295·8	1st,13th	307·9	307·4	+ 1·8	9	-50
652	Allahabad	21 9	79 7	310	967·8	1001·6	+ 0·3	312·5	320·2	10th	300·2	295·8	15th	306·3	305·3	+ 1·6	145	-83
653	Darjilling	25 26	81 50	94·2	989·1	999·3	+ 0·3	315·7	320·2	11th	302·6	298·0	16th	309·1	308·4	+ 2·4	70	-56
654	Calcutta	27 3	88 16	2265	772·7	..	0·0	292·2	294·1	3rd,4th	286·9	284·1	16th,17th	289·6	289·2	+ 0·5	423	-194
655	Gauhati	22 32	88 20	6·4	1000·2	1001·0	+ 0·3	308·2	311·9	3rd,7th	300·4	297·4	15th,17th	304·3	304·1	+ 1·9	153	-149
655a	Cherrapunji	26 11	91 45	59·7	996·4	1003·0	+ 0·1	304·3	308·6	8th	297·9	295·2	17th	301·1	300·4	- 0·2	244	-107
656	Akyab	25 15	91 44	1313	863·9	..	+ 0·3	295·9	298·6	sev.dates	291·1	288·6	12,14,18	293·5	292·9	+ 0·4	3535	+1099
656a	Mandalay	20 8	92 55	8·8	1003·7	1004·7	+ 0·5	303·2	306·3	7th,8th	298·5	294·1	14th	300·9	301·0	+ 0·2	1082	-110
657	Tengyueh	21 59	96 6	76·2	995·7	1004·2	- 0·6	310·2	314·7	7th	300·6	296·9	13th	305·4	304·6	+ 2·0	69	-71
658	Pak Lien	25 0	98 40	1634	830·8	1001·6	..	296·2	301·3	6th	288·8	285·8	4th	292·5	291·9	- 0·4	..	..
659	Monney	20 48	106 38	116	..	1003·1	- 0·4	305·9	309·8	30th	298·9	295·3	11th	302·4	301·6	+ 0·7	150	-94
660	Hongkong	21 31	107 58	9·0	..	1003·3	- 0·6	305·5	307·0	10th,17th	298·5	295·7	3rd	302·0	301·3	+ 0·8	685	+171
661	Amoy	24 27	118 4	4·9	1006·5	1007·0	+ 0·2	302·5	305·1	21st	298·7	295·7	3rd	300·6	300·4	+ 0·2	295	-104
662	Taiboku, Formosa	25 2	121 31	9·3	1005·5	1006·5	- 0·3	304·4	308·7	23rd	295·8	291·7	13th	300·1	299·5	- 0·1	251	-38
663	Daigo	20 28	121 59	18·7	..	1007·0	+ 0·2	303·8	306·9	23rd	298·9	296·5	2nd	301·3	301·1	- 0·2	580	+391
664	Hoko	26 12	127 39	29·5	1004·4	1007·8	- 0·8	300·5	303·0	30th	295·8	290·8	3rd	298·1	298·1	- 1·2	273	+10
665	Tititima (Bonin Islands)	27 5	142 11	4·3	1010·0	1010·5	- 1·7	299·1	302·6	26th	295·0	290·2	4th	297·1	296·9	- 1·5	258	+123
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. JUNE - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
705	Colima	19 12	103 45	498	956·3	1011·4	+ 1·0	306·3	309·5	12th	294·7	291·2	1st	300·5	299·4	+ 0·2	160	+ 5
706	Morelia	19 42	101 7	1923	809·9	1007·6	+ 0·8	297·2	301·2	7th	288·5	286·5	27th	292·9	292·8	+ 0·1	101	-34
707	Mexico, Tacubaya	19 24	99 12	2309	775·5	..	+ 1·1	298·0	302·6	11th	284·6	282·3	6th	291·3	289·9	+ 0·3	136	+26
708	Salina Cruz	16 12	95 12	56	1004·0	1010·3	- 1·0	305·4	308·4	7th	297·1	293·0	13th	301·3	302·0	+ 1·5	107	-199
709	San Salvador	13 42	89 13	682	935·9	1011·2	- 0·7	304·1	307·6	11th	293·0	291·8	6th,12th	298·5	296·5	+ 0·1	523	+193
710	Belize	17 31	88 11	5·2	1011·3	1011·9	+ 0·3	302·6	304·1	1,13,14	296·3	293·0	1st	299·5	299·1	- 1·3	261	+51
711	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·3	- 0·2	304·7	306·4	20th	295·9	293·9	sev.dates	300·3	300·1	+ 0·6	234	+94
712	Port au Prince	18 33	72 20	37·4	1009·9	1014·2	- 0·7	305·2	307·0	14th	296·6	294·9	30th	300·9	300·2	- 0·2	184	+80
713	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
714	San Juan, Porto Rico	18 29	66 7	25·0	1012·5	1015·6	- 1·0	302·9	306·3	11th	297·6	295·8	6th	300·3	300·0	+ 0·9	240	+91
715	Grenada (Richmond Hill)	12 5	61 46	188	992·2	1013·5	0·0	302·9	304·7	14th	295·7	294·1	26th	299·3	298·8	+ 0·2	328	+118
716	Barbados	13 8	59 36	57·9	..	1014·6	+ 0·2	303·2	304·4	2nd	296·6	295·2	26th	299·9	299·7	0·0	316	+207
717	São Vicente, C. Verde Is.	16 54	25 4	11	1015·6	1016·9	+ 1·7	298·9	301·5	14th	294·9	294·0	1st	296·9	297·0	+ 0·5	0	0
718	São Thiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	Dakar	14 40	17 26	32	1008·8	1012·5	..	303·9	308·6	29th	295·3	293·1	8th,10th	299·6	299·6	- 0·3	7	-10
720	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·4	305·2	28th	295·9	293·6	11th	298·6	298·5	- 1·0	62	-19
721	Médinébalé	12 57	7 26	300	..	..	..	307·5	313·0	1st,3rd	295·3	293·0	sev.dates	301·4	301·1	..	178	..
722	Kabara	16 45	W. 3 1	273	..	..	..	317·4	321·0	8th,23rd	297·9	295·5	10th	307·6	307·1	..	47	..
723	Sokoto	13 2	E. 5 14	354	..	..	..	308·8	313·0	3rd	296·7	290·8	4th	302·7	302·2	- 0·1	78	-25
724	Kaduna	10 32	7 25	597	945·6	1016·2	..	304·3	305·8	3rd	293·8	291·6	12th	299·1	298·5	+ 1·3	183	+ 3
725	Bida	18 41	12 55	356	..	..	..	316·2	317·6	20th	298·5	294·2	26th	307·3	309·4	..	0	..
726	Maiduguri	11 47	13 11	361	..	..	..	309·3	314·1	7th	..	..	..	..	‡302·1	- 0·1	198	+144
727	Fort Lamy	13 32	25 18	730	927·1	1005·6	..	313·5	315·5	29th	293·6	287·5	17th	303·5	302·0	- 0·4	24	+ 5
728	El Obeid	13 11	30 14	563	946·7	1007·8	+ 1·0	311·6	315·1	26th	295·7	292·7	2nd,12th	303·7	303·0	+ 0·6	14	-20
729	Khartoum	15 37	32 33	390	964·4	1006·4	+ 0·5	315·4	318·0	1st	300·3	296·7	16th	307·9	308·1	+ 1·0	2	- 6
730	Fort Sudan	19 37	37 13	5·5	1007·0	1007·6	+ 1·7	312·1	317·6	7th	298·8	296·2	15th	305·5	305·3	+ 0·7	0	0
731	Berbera, Somaliland	10 26	45 2	13·8	1003·2	1004·8	+ 0·3	314·4	316·9	22nd	299·4	296·9	5th,14th	309·3	308·3	+ 0·5	0	0
732	Aden	12 49	45 2	29·9	1003·2	1006·6	+ 1·6	308·7	311·3	20th	302·8	301·3	4th,5th	305·8	305·5	+ 0·9	0	- 2
733	Bombay	18 54	72 49	11·3	1004·7	1006·0	+ 0·9	305·9	308·0	10th	300·4	296·9	15th	303·2	302·8	+ 1·3	154	-311
734	Kolaba	10 14	77 28	2343	770·0	..	+ 0·9	292·4	295·8	9,10,11	285·8	284·1	22,23,28	289·1	288·8	+ 1·9	89	-14
735	Bangalore	12 58	77 35	921	907·2	1006·7	+ 0·3	303·6	305·8	4 days	293·3	291·9	22nd,23rd	298·5	297·4	+ 1·1	56	-17
736	Madras	13 4	80 15	6·7	1003·9	1004·7	- 0·7	311·0	315·2	10th	301·0	296·9	2nd,27th	306·0	305·3	+ 0·9	83	+35
737	Vingapatam	17 42	83 18	38·4	997·5	1001·7	- 0·4	306·2	313·0	12th	301·1	297·4	16,17,30	303·7	303·0	+ 0·3	94	-30
738	Port Blair	11 40	92 43	18·0	1005·1	1007·1	- 0·2	303·1	304·7	1,2,12	298·4	295·8	7th	300·8	300·1	+ 0·1	419	-72
739	Rangoon	16 46	96 11	5·5	1005·8	1006·5	- 0·4	303·5	306·3	11th,13th	298·6	296·9	14th,16th	301·1	300·0	+ 0·7	791	+333
740	Mag St. Jacques	10 20	107 5	180	..	1009·8	..	303·5	305·1	2,10,11	297·2	295·6	16th	300·4	299·9	+ 0·3	189	- 6
741	Saigon	12 15	109 12	3·6	..	1006·3	..	305·9	309·2	15th	298·0	296·8	2nd	302·0	301·5	+ 0·4	46	- 3
742	Hollmo	16 23	119 53	2	..	1008·1	+ 1·7	305·3	308·0	25th	297·9	296·0	6th	301·6	301·2	+ 0·6	406	-12
743	Vigan	17 34	120 23	12·2	..	1007·8	+ 0·8	305·1	306·9	24th	297·9	296·0	4th	301·5	301·0	0·0	531	+187
744	Manila	14 35	120 59	14·2	..	1008·8	+ 1·0	305·9	308·2	25th	298·1	297·2	30th	302·0	301·4	+ 0·7	301	+45
745	Cuyo	11 0	124 36	5·6	..	1008·4	+ 0·6	305·3	306·3	8th	296·4	295·2	18th	300·9	300·9	+ 1·0	115	-94
746	Guam	13 24	144 38	18·6	..	1010·3	+ 1·2	305·3	306·8	25th	298·4	297·0	21st	301·9	302·4	+ 1·1	65	-77
747	Agaña, Ladrone Is.	15 14	145 46	207	988·6	1008·7	..	302·6	303·5	26th	297·2	295·8	10th	299·9	299·7	..	60	..
		N.	E.															

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·9	1010·5	- 0·3	..	..	..	297·8	295·8	29th	..	‡302·7	+ 0·8	360	+24
821	ǂCristobal	9 23	79 54	11·0	..	1010·7	+ 0·2	303·9	305·8	24th	298·2	297·4	27th	301·1	300·3	+ 1·2	235	+35
822	Bogota	4 36	74 5	2645	747·5	..	+ 1·1	292·4	294·1	17th	283·9	281·7	25th	288·2	287·3	+ 0·8	72	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	986·2	1010·8	- 0·4	..	..	..	..	..	..	..	..	+ 1·0	183	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·5	- 0·7	302·8	303·6	sev.dates	297·6	295·8	12th	300·2	299·8	+ 0·7	291	..
826	Paramaribo	5 49	55 9	3·7	1013·1	1013·5	- 0·3	304·6	306·0	28th	296·3	295·6	11th,14th	300·5	299·6	+ 0·9	289	..
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	380	..
833	Konakri	9 31	13 43	16	..	..	..	302·7	304·9	6th	297·0	295·1	2nd	299·9	300·4	+ 0·2	991	..
834	ǂFreetown, Sierra Leone	8 29	13 14	55·0	1007·2	1013·5	+ 2·1	302·6	305·2	1st,5th	..	..	..	..	‡299·8	..	335	..
835	ǂAssuantsi	5 18	1 15	97·3	1001·3	1012·4	..	301·2	304·1	3rd	295·1	293·6	6th,28th	298·2	297·8	+ 0·2	381	..
836	ǂAccra	5 33	W. 0 12	17·7	1011·2	1013·2	+ 0·7	302·6	305·8	3rd	296·8	293·6	6th	299·7	299·3	+ 0·6	143	..
837	ǂLagos	6 27	E. 3 24	3·0	1013·1	1013·5	+ 1·5	302·2	305·2	1st	296·8	294·7	24th	299·5	299·2	+ 0·1	450	..
838	ǂVictoria, Nigeria	4 1	9 12	15·5	1011·5	1013·3	..	302·6	305·2	2nd	293·8	289·7	4th,5th	298·2	297·6	+ 1·0	324	..
839	Iola	9 12	12 30	259	..	..	..	306·4	311·3	1st	296·4	293·0	17th	301·4	300·8	+ 0·8	122	..
841	Wau	7 42	28 3	440	961·2	1009·9	+ 0·7	307·0	309·6	3rd	295·3	292·4	1st	301·1	299·8	..	153	..
843	Malakal (Kodok)	9 35	31 37	394	967·2	1010·9	+ 0·6	307·6	311·0	29th	295·3	292·0	12th	301·5	300·0	+ 1·3	59	..
843a	Juba	4 53	31 35	475	957·9	1010·8	..	305·4	309·3	1st	293·9	292·1	7th,21st	299·7	298·2	..	139	..
844	Entebbe	0 5	32 29	1171	..	..	..	298·6	300·8	13th	291·1	289·7	30th	294·9	..	+ 0·8	99	..
844a	Kampala (Kololo Hill)	0 20	32 36	1310	871·0	1011·2	..	298·2	300·4	29th	290·8	289·3	30th	294·5	293·9	..	78	..
845	Sheikh	9 55	45 15	1463	..	..	..	303·3	305·8	23rd	291·2	289·7	15th,16th	297·3	296·6	..	24	..
851	Minicoy	8 18	73 0	2·7	1009·2	1009·6	0·0	303·8	305·2	3,18,26	298·9	296·9	7th	301·3	300·6	..	247	..
851a	Cochin	9 58	76 14	2·7	1009·3	1009·7	+ 0·2	302·6	304·1	4th,12th	297·4	295·8	9th,28th	300·0	299·3	+ 0·3	603	..
852	ǂColombo Observatory	6 54	79 52	7·3	..	1009·2	+ 0·8	302·8	303·5	11th	298·3	296·6	28th	300·6	299·9	+ 0·0	269	..
853	ǂNuwara Eliya	6 58	80 46	1881	813·2	1010·7	+ 1·1	291·3	295·2	12th	286·7	286·0	21st	289·0	288·3	- 0·1	413	..
854	ǂTrincomalee	8 35	81 15	30·2	..	1005·3	0·0	306·5	308·1	13th	299·4	298·4	21st	303·0	302·3	+ 0·2	0	..
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	285	..
856	Medan	3 35	98 41	25·0	..	1009·3	+ 0·5	304·0	305·8	15th	296·4	295·1	16th	300·2	299·6	+ 0·2	186	..
857	Butterworth	5 25	100 22	2·1	..	1008·2	..	304·2	305·8	9th,10th	297·0	295·8	sev.dates	300·6	300·3	..	308	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·2	+ 0·3	304·3	306·9	7th,8th	297·9	295·8	sev.dates	301·1	300·5	+ 0·1	258	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·6	306·3	9th	296·9	295·2	15th	300·7	300·8	+ 1·5	210	..
860	Iwahig	9 44	118 38	14·3	..	1008·0	+ 0·7	306·0	308·4	5th	296·6	295·6	2nd	301·3	300·8	..	84	..
861	Tagbilaran	9 38	123 51	21·3	..	1008·7	+ 0·7	305·5	307·1	5th	297·9	296·0	15th	301·7	301·0	+ 0·6	100	..
861a	Menado	1 30	124 50	8·5	..	..	..	303·3	304·5	19th	296·2	294·6	19th	299·7	299·1	- 0·1	325	..
862	Surigao	9 48	125 29	6·0	..	1009·2	+ 1·0	305·2	307·6	9th	297·8	296·9	24th	301·5	300·9	+ 0·7	96	..
863	Kolonia, Yap	9 29	138 8	29·3	..	1010·7	+ 1·7	303·5	305·6	30th	298·8	296·8	4th	301·1	300·9	+ 0·6	149	..
864	Palau	7 20	134 29	31·8	1006·9	1010·5	+ 0·7	303·7	304·8	9th,24th	297·5	295·9	26th	300·6	300·6	+ 0·6	261	..
867	Ponape	6 58 N.	158 13 E.	38·9	1006·1	1010·5	..	302·4	303·5	9th	297·4	295·0	14th	299·9	299·9	..	444	..

JUNE - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32 S.	172 31 W.	1·8	..	1010·5	..	303·2	304·6	16th	299·8	297·1	25th	301·5	301·2	..	249	..
920	Lambayeque	6 46	80 55	15	1011·6	1013·4	..	299·2	301·7	11th	290·7	288·0	17th,18th	294·9	294·2	..	72	..
921	Quito	0 14	78 30	2816	729·0	..	+ 1·0	294·7	296·7	19th	280·7	276·9	20th	287·7	286·3	+ 0·4	..	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	ǂAscension Island	7 56	W. 14 25	16·8	..	..	..	302·1	303·6	6th,16th	296·2	294·2	15th	299·1	298·4	0·0	0	..
939	Loanda	8 49	E. 13 13	59·3	..	1014·6	0·0	298·1	300·7	1st	292·9	290·8	21st,30th	295·5	295·0	+ 0·6	0	..
940	Brazzaville	4 17	15 16	320	..	..	..	301·3	305·0	4th	290·2	287·0	25th	295·7	295·0	- 0·8	83	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·6	295·9	..	283·4	281·1	..	288·5	289·1	..	..	..
943	Masaka	0 20	31 44	1280	..	..	..	298·7	300·2	29th,30th	291·2	289·1	9th,10th	294·9	294·2	..	44	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	823·4	1017·4	..	293·9	296·8	2nd	284·5	280·8	9th	289·2	288·6	..	24	..
944a	Zanzibar (Town)	6 10	39 12	17·1	1016·5	1018·5	+ 0·9	301·1	302·4	23rd	296·8	295·2	8th,14th	298·9	298·4	+ 0·4	29	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	1014·8	1017·1	..	301·0	303·7	26th	296·4	294·6	7th	298·7	298·4	..	108	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·7	1012·2	+ 0·2	301·4	302·4	3rd	296·9	294·7	27th	299·2	298·6	+ 0·2	..	..
957	ǂPadang	0 56	100 22	6·7	..	1009·6	- 0·4	305·0	307·1	25th	297·4	294·7	23rd	301·2	300·7	+ 1·1	197	..
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	+ 0·5	304·2	305·6	17th	297·1	295·9	23rd	300·6	300·0	+ 0·8	107	..
958a	ǂPontianak	0 1	109 20	2·6	..	1009·8	+ 0·4	305·4	307·7	8th	297·8	296·2	25th	301·6	300·9	+ 0·8	242	..
959	Pasuruan	7 38	112 55	5·0	..	1010·5	+ 0·2	304·5	305·6	24th	296·1	294·5	14th	300·3	300·2	+ 1·0	27	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	..	..
962	Amboina	3 42	128 10	4·2	..	1010·6	+ 0·5	301·3	303·5	15th	297·0	295·7	28th	299·1	298·8	+ 0·7	555	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	170	..
965	Daru	9 4	143 13	7·6	..	1011·9	+ 0·4	301·8	..	..	..	..	..	..	..	+ 0·9	18	..
966	Port Moresby	9 29	147 9	38·4	..	1011·2	+ 0·2	..	..	..	297·8	..	..	299·8	299·4	+ 0·4	6	..
967	Rabaul	4 9	152 12	12·5	1008·4	1009·8	+ 0·7	305·3	307·2	2nd,3rd	295·1	..	..	..	‡300·2	..	308	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·3	303·6	26th	296·3	295·1	29th	300·8	300·2	+ 0·5	254	..
970	Ocean Island	0 52	169 35	42·6	1005·7	1010·7	+ 0·4	304·1	305·2	12th	298·0	296·4	29th	300·2	300·0	- 0·1	130	..
											298·4	297·4	9th	301·3	300·6	+ 0·2	..	..
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau																	
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·9	+ 0·4	301·7	303·0	14th,25th	295·9	292·8	29th	298·8	298·6	- 0·4	271	+135
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1015·4	+ 0·1	299·7	301·9	2,3,16	292·6	287·4	26th	296·1	295·9	- 0·3	46	-28
1004	Lima																	
1005	ǂArica	12 5	77 3	111	1002·1	1015·3	..	291·8	295·6	22nd	286·7	283·8	22nd	289·3	288·5	..	7	..
1006	La Paz, Bolivia	18 28	70 20	5	..	..	..	290·8	292·5	13th	287·2	284·0	28th	289·0	289·2	- 0·5	0	0
1007	Corumba	16 30	68 8	3658	659·2	..	+ 0·9	290·7	293·0	12th	274·5	271·6	26th	282·6	281·0	+ 0·6	3	- 5
1008	Cuyaba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1009	Bello Horizonte	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1010	Cattite	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1011	Ondina (Bahia)	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1012	Aracaju	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1013	Pt. Salina	10 55	/ 37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1014	Mossamedes	15 57	W. 5 40	579	949·8	1017·2	+ 1·1	290·8	293·6	1st	286·9	285·8	11,24,30	288·9	288·9	+ 0·5	64	- 8
1015	Livingstone	15 12	E. 12 9	12·5	1014·8	1016·3	..	..	306·6	18th	..	283·0	22nd	..	..	..	0	0
1016	Lusisabethville	17 51	25 51	972	913·1	1022·2	..	298·5	302·6	1st	281·1	278·5	12th	289·8	..	0·0	0	0
1017	Gwelo	11 39	27 28	1230	880·9	1016·5	+ 1·1	297·9	300·9	2nd	278·5	275·8	12th	288·2	..	- 1·0	0	0
1018	ǂSalisbury (Dept. Agric.)	19 26	29 45	1411	868·8	1025·2	..	292·4	296·9	1st,20th	278·8	274·1	12th	285·6	..	- 0·9	0	- 1
1019	Zomba	17 48	31 5	1489	859·5	1023·7	+ 1·8	293·0	296·9	21st	278·9	275·9	11th	285·9	285·4	- 0·4	1	0
1020	Mossuril	15 23	35 18	955	912·8	1019·1	+ 1·6	294·1	298·0	1st	284·7	281·9	26th,27th	289·4	288·7	- 0·8	1	-11
1021	Antananarivo	14 57	40 40	15	..	1019·4	..	300·2	302·8	2nd	291·1	288·6	26th	295·7	295·6	..	20	..
1022	Rio de Janeiro	18 55	47 33	1375	868·3	1018·9	+ 0·5	295·6	298·6	20th	284·3	281·2	12th	289·9	288·0	+ 1·0	7	0
1023	Cocos, Keeling Is.	12 5	96 53	4·6	1011·3	1011·9	- 0·3	300·3	301·6	1st	297·6	296·3	24th	298·9	298·6	- 0·5	208	-29
1024	ǂChristmas Island	10 25	105 43	5·5	1008·6	1009·3	+ 0·4	302·7	304·1	9,10,27	297·6	296·3	16th,21st	300·1	299·7	+ 0·2	272	+106
1025	Kupang	10 10	123 34	45·1	..	1011·9	+ 0·5	306·2	307·4	30th	295·9	294·1	30th	301·1	300·2	+ 1·5	2	- 8
1026	Derby	17 18	123 40	16·2	1013·2	1015·0	+ 0·1	303·1	307·9	7th	292·2	285·8	1st	297·7	..	+ 2·0	0	-12
1027	Darwin	18 13	127 46	373	973·8	1015·8	- 0·3	302·3	305·8	6th,16th	287·0	278·7	2nd	294·7	294·0	+ 3·0	0	- 5
1028	Daly Waters	16 28	133 23	211	990·2	1014·1	- 0·2	304·9	306·9	sev.dates	288·7	283·6	2nd,28th	296·8	296·1	+ 2·5	0	- 6
1029	Palmerville	15 56	144 8	210	990·2	1013·9	+ 1·0	304·2	308·0	12th	289·3	285·1	1st	296·8	..	+ 1·3	0	-12
1030	Georgetown, Queensland	18 22	143 32	302	981·9	1016·0	+ 0·9	303·5	305·8	12th	290·3	286·3	18th	296·9	..	+ 3·6	0	-11
1031	Willis Island	16 18	149 59	8·5	1013·6	1014·7	+ 1·0	300·2	301·3	4th	296·1	293·6	22nd	298·1	298·2	+ 0·9	101	+15
1032	Samarai	10 37	150 40	6·1	..	1012·8	+ 0·8	..	..	..	297·4	..	..	..	..	..	43	-232
1033	Suva, Fiji	18 8 S.	178 26 E.	6·1	1014·2	1014·8	+ 1·3	299·5	303·0	17th	293·9	291·3	20th	296·7	296·5	0·0	85	-85

BETWEEN LATITUDE 20° S. AND 30° S.

JUNE - ZONE 11 (AMERICA, AFRICA).

1201	Nukualofa, Tonga	21 8	175 12	3·0	1017·4	1017·7	..	297·8	300·8	3rd	290·4	284·1	27th	294·1	..	..	..	..
1202	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	298·6	299·7	20th,29th	291·2	288·0	26th,30th	294·9	294·7	- 0·1	159	+49
1203	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·6	1017·4	- 0·2	289·7	291·8	6th	282·8	281·2	10th	286·3	286·0	+ 0·7	10	-30
1204	ǂAntofagasta	23 42	70 24	94	1004·2	1015·4	- 2·3	290·9	293·0	9th,18th	283·1	281·5	sev.dates	287·0	286·5	- 0·9	0	- 2
1205	Catamarca	28 29	65 47	528	957·0	1019·5	+ 3·8	289·3	297·0	25th	276·1	273·7	10th	282·7	282·7	- 1·7	14	+10
1206	Salta	24 46	65 24	1173	885·8	1019·0	+ 2·3	292·0	303·0	25th	273·2	268·1	29th,30th	282·6	281·6	- 2·8	7	+ 4
1207	Goya	29 9	59 15	37	1016·2	1020·7	+ 3·5	291·3	298·7	25th	280·8	275·4	28th	286·0	285·2	- 1·5	59	+19
1208	Asuncion	25 17	57 41	139	1005·4	1022·0	+ 5·3	291·8	300·8	26th	284·8	278·5	29th	288·3	287·5	- 2·5	28	-45
1209	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1210	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1211	ǂFlagstaff	22 34	E. 17 6	1727	835·3	1022·4	..	293·4	296·4	1st	280·3	276·7	18th	286·8	285·8	+ 0·7	..	..
1212	Mt. Darley	29 36	17 52	933	914·4	1020·8	- 0·2	292·3	298·4	14th	280·1	272·9	27th	286·2	285·4	+ 1·0	0	-29
1213	Kimberley	28 44	24 46	1218	888·6	1027·0	+ 2·9	291·6	295·1	7th	276·7	271·7	28th	284·1	283·5	+ 1·0	0	- 5
1214	Johannesburg	26 11	28 4	1806	829·3	1026·2	+ 2·4	289·6	293·1	6th,21st	278·3	271·6	28th	283·9	283·4	+ 0·5	4	0
1215	Bulawayo	20 9	28 35	1349	875·4	1025·8	+ 3·2	293·1	298·0	1st	279·8	275·8	29th	286·4	285·7	- 0·7	1	0
1216	Durban	29 52	31 3	15·2	1023·9	1025·7	+ 2·9	294·8	297·7	15th	286·4	282·4	29th	290·6	290·1	- 0·1	22	- 7
1217	Lourenco Marques	25 58	32 36	59·5	..	1025·1	+ 3·7	297·2	302·4	20th	286·0	282·2	26th	291·6	291·1	- 0·2	6	- 8
1218	ǂMauritius	20 6	57 33	55·2	1012·5	1018·9	+ 0·1	298·4	300·4	5th	292·5	290·0	3rd	295·5	295·1	+ 1·5	53	- 8
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

JUNE - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1015·9	1016·4	+ 1·0	294·7	299·1	4th	284·7	280·2	11th	289·7	..	- 2·2	78	+47
1160	Cue	27 27	117 52	454	966·2	1019·4	+ 1·3	288·9	294·5	1st	280·4	273·9	24th	284·7	..	- 1·9	46	+24
1161	Nullagine	21 53	120 5	386	..	..	..	293·8	303·0	7th	282·1	275·8	12th	287·9	..	- 1·4	69	+46
1162	Laverton	28 40	122 23	466	965·8	1020·6	+ 0·9	288·0	295·2	7th	277·9	271·8	18th	283·0	282·9	- 2·3	43	+21
1163	Alice Springs	23 38	133 37	587	951·6	1019·2	+ 0·5	292·2	300·2	10th	281·8	274·1	3rd	287·0	286·7	+ 1·6	28	+ 6
1164	Willisa Creek	28 55	136 21	76·2	1012·2	1021·3	+ 1·7	289·8	293·7	5th	280·4	273·8	1st	285·1	284·8	- 0·2	47	+25
1164a	Boulia	22 55	139 38	146	1000·0	1017·0	+ 0·5	298·7	305·2	10th	283·6	277·6	1st	291·1	290·8	+ 2·0	50	+28
1165	Thargomindah	27 58	143 43	123	1005·9	1020·6	+ 2·2	291·0	300·8	10th	281·6	277·6	1st	286·3	286·0	0·0	34	+12
1166	Mitchell	26 32	147 52	336	981·8	1021·4	+ 2·0	293·3	300·8	11th	280·4	273·4	1st	286·9	..	+ 2·0	..	..
1167	Rockhampton	23 24	150 30	11·3	1018·4	1019·7	+ 2·0	297·8	302·3	12th	287·7	280·2	17th	292·7	292·0	+ 1·8	9	- 7
1168	Brisbane	27 28	153 2	41·8	1017·1	1021·6	+ 3·4	294·6	298·9	12th	285·1	280·3	27th	289·9	289·3	+ 1·2	14	- 2
1170	Norfolk Island	29 4	167 59	14·9	1020·8	1022·6	+ 5·4	292·1	295·2	13th	287·7	283·3	25th	289·9	289·5	- 0·2	44	+24

JUNE - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	¢Juan Fernandez	33 37	78 52	6	1016·0	1016·7	- 0·3	290·4	292·0	16th	285·6	282·0	27th	288·0	287·6	+ 1·1	154	+ 6
1221a	Punta Tumbes	36 37	73 6	120	1001·1	1015·7	- 0·6	285·4	287·6	14th	281·3	278·0	10th,27th	283·3	283·3	- 0·2	274	+107
1222	¢Punta Angeles, Valparaiso	33 1	71 38	41	1012·8	1017·8	+ 0·3	289·8	293·5	27th	283·2	281·0	27th	286·5	286·0	+ 1·4	47	+ 1
1222a	Santiago	33 27	70 42	520	957·2	1018·9	+ 0·6	288·3	295·5	11th	278·0	272·3	27th	283·1	282·0	+ 1·2	4	- 4
1223	Cordoba	31 25	64 12	423	969·0	1019·6	+ 2·5	289·8	299·9	25th	274·5	269·4	16th	282·2	281·5	+ 1·3	0	- 4
1224	Bahia Blanca	38 45	62 16	28·7	1015·8	1019·3	+ 3·2	287·6	294·0	5th	275·6	268·8	14th	281·6	281·5	+ 0·1	..	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1017·9	1021·0	+ 2·7	287·0	294·8	25th	276·0	270·7	15th,16th	283·1	281·6	- 1·2	25	- 8
1226	Montevideo (Prado)	34 52	56 12	24·9	1018·1	1021·4	+ 4·4	285·6	294·8	25th	277·0	269·9	17th	281·3	281·2	- 2·5	84	+ 4
1226a	Porto Alegra	30 2	W. 51 13	23·5	1017·3	1020·1	+ 0·9	289·8	297·1	21st	283·1	273·9	30th	286·5	286·3	- 0·4	187	+107
1239	Cape Town	33 56	E. 18 29	12·2	1022·9	1024·4	+ 4·6	290·6	299·2	23rd	280·6	273·6	29th	285·6	284·4	- 0·6	30	- 8
1240	¢Danger Point	34 37	19 18	27·7	..	..	..	289·3	297·4	18th	282·1	276·9	28th	285·7	..	- 0·8	20	- 8
1240a	Klaver	31 47	18 37	41·8	1020·2	1025·3	+ 2·5	294·1	302·3	15th	280·8	274·8	27th	287·4	..	- 1·0	10	- 8
1241	¢Riversdale	34 6	21 16	105	1013·0	1025·8	..	293·0	301·9	15th	275·9	269·9	29th	284·5	..	- 1·1	4	- 8
1242	East London	33 1	27 54	45·4	1019·3	1024·8	+ 3·2	293·8	303·8	4th	282·9	277·7	29th	288·3	..	- 0·5	..	..
1259	Perth (Observatory)	31 57	115 51	60·0	1012·9	1020·1	+ 2·2	289·0	294·5	1st	280·1	275·9	11th	284·6	284·7	- 2·2	166	+107
1260	Katanning	33 42	117 35	310	981·8	1019·1	+ 2·1	286·3	291·4	2nd	276·6	270·9	21st	281·4	..	- 2·4	48	+ 9
1261	Coolgardie	30 57	121 10	423	970·8	1020·7	+ 2·0	288·0	294·7	8th	276·8	272·8	18th	282·4	282·3	- 2·2	24	- 7
1262	Eucla	31 45	128 58	4·6	1017·7	1018·4	- 0·1	289·2	296·3	7th	280·1	277·4	12,13,30	284·7	284·4	- 1·6	62	+ 6
1263	Streaky Bay	32 48	134 13	13·1	1018·6	1020·1	+ 1·1	288·1	290·7	1st	282·1	277·4	1st	285·1	284·8	- 0·6	93	+37
1264	¢Adelaide	34 56	138 35	42·7	1014·8	1019·9	+ 0·5	288·2	290·4	5th	281·4	276·2	16th	284·8	284·7	- 0·2	139	+83
1265	Melbourne	37 49	144 58	35·1	1015·0	1019·1	+ 0·6	286·6	289·2	29th	279·9	273·3	17th	283·3	282·9	+ 0·1	98	+42
1266	Bourke	30 13	145 58	110	1010·3	1023·6	+ 2·3	289·8	298·0	10th	279·9	275·8	1st,2nd	284·9	..	+ 0·3	58	+ 2
1267	Sydney	33 51	151 13	42·1	1014·9	1019·8	+ 2·1	290·9	299·9	11th	282·3	277·6	28th	286·6	285·7	+ 1·0	57	+ 1
1268	Lord Howe Island	31 20	159 0	4·9	1020·3	1020·8	+ 3·6	293·2	295·4	12th	287·6	282·8	29th	290·4	..	+ 0·8	203	+149
1271	Auckland	36 51	174 48	40·8	..	1018·4	+ 3·9	287·2	290·8	13th	281·9	276·6	9th,30th	284·6	..	- 0·3	130	+76
1272	Napier	39 29	176 55	1·5	..	..	..	286·3	295·8	13th	277·2	271·6	9th	281·7	..	- 0·8	80	+ 3

JUNE - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	¢Chatham Island	43 52	176 42	45·7	..	1012·2	+ 2·9	..	..	..	..	..	..	..	..	..	82	+ 4
1321	Isla Guafo	43 34	74 45	140	995·1	1012·1	- 0·4	282·7	284·7	23rd	279·5	276·0	7th,30th	281·1	281·2	+ 0·4	137	+ 7
1322	Punta Galera	40 1	73 44	40	1010·1	1015·0	+ 0·4	284·9	289·0	1st	280·6	277·0	15th,16th	282·7	282·6	+ 0·1	220	+107
1323	Sarmiento	45 33	69 1	272	980·4	1013·9	+ 2·5	288·4	288·8	9th	270·1	261·9	6th	275·2	275·6	- 0·7	22	- 7
1324	Puerto Madryn	42 46	W. 65 2	14	1014·0	1015·7	+ 3·4	285·3	292·0	24th	273·8	264·7	14th	279·6	280·5	+ 0·1	12	- 3
1365	Launceston	41 27	E.147 10	81·1	1007·0	1016·9	+ 1·5	285·8	288·6	3rd	278·2	271·3	17th	282·0	281·5	+ 1·3	165	+ 85
1366	Hobart	42 53	147 20	53·9	1008·7	1015·3	+ 1·1	284·5	288·5	29th	278·9	273·9	18th	281·7	281·2	+ 0·4	89	+ 9
1369	Invercargill	46 25	168 21	3·7	..	..	..	283·1	291·9	26th	274·3	267·4	30th	278·7	..	- 0·2	107	+ 24
1370	Alexandra	45 15	169 24	159	..	..	..	279·6	288·3	26th	270·9	266·6	8th	275·3	..	..	43	- 30
1371	Dunedin	45 52	170 31	6·1	..	1015·3	+ 1·9	281·9	288·1	9th	275·2	271·3	19th,20th	278·6	..	- 1·0	90	+ 14
1371a	Christchurch	43 32	172 39	7·6	..	1015·6	+ 3·1	282·4	290·8	10th	273·8	268·3	8th	278·1	..	- 1·3	143	+ 67
1372	Wellington	41 16	174 46	128	..	1016·2	+ 1·8	283·7	287·3	12th	278·4	274·4	21st	281·1	281·1	- 1·6		

JUNE - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	998·8	1005·5	+ 3·1	279·9	282·7	2nd	276·5	273·4	5th	278·2	278·2	+ 0·8	119	+ 42
1422	Magallanes	53 10	70 54	28	1003·1	1006·6	+ 3·6	278·5	284·0	14th	273·3	270·9	4th	275·9	275·9	+ 0·4	23	- 30
1423	Punta Dungeness	52 24	68 26	5	1005·4	1006·0	+ 3·9	279·7	283·0	28th	275·9	272·3	5th	277·3	277·2	+ 1·0	37	- 16
1424	Santa Cruz	50 1	68 31	13	1008·3	1009·9	+ 4·5	278·7	285·6	2nd	273·7	267·2	19th	276·2	275·7	+ 0·8	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1006·5	+ 3·0	278·8	281·3	2,3,9	273·4	268·6	21st	276·1	..	+ 0·9	74	+ 31
1426	Cape Pembroke	51 41	57 42	21·3	1003·2	1005·8	+ 3·1	279·5	282·4	3rd,29th	274·6	270·8	5th	277·1	277·4	+ 1·3	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	998·5	999·0	+ 0·7	275·6	284·1	4th	270·7	265·6	11th	273·1	273·1	+ 1·7	336	+ 99

JUNE - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	994·2	995·1	- 1·4	269·5	276·8	2nd	258·4	239·6	8th	264·0	264·0	+ 0·7	32	- 4
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, JULY 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

JULY - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1147	Cala Bay	80 20	52 48	5·9	1007·3	1008·5	..	..	279·5	..	..	270·9	..	..	274·5	..	58	..

BETWEEN LATITUDE 80° N. AND 70° N.

JULY - ZONE 1.

1201	Wrangell Island	N.	W.															
1202	Barrow	70 58	178 33	6·9	1006·7	1007·6	..	277·0	281·2	13th	272·0	268·1	4th	274·5	274·4	..	18	..
1203	Pond Inlet	71 23	156 17	4·6	..	1010·5	- 1·7	280·1	285·2	1,14,30	272·5	268·0	24th,25th	276·3	..	- 1·5	54	+25
1205	Spermivik	72 43	78 30	4·0	..	1011·4	..	284·7	293·0	21st	277·6	271·3	7th	281·2	281·3	..	7	..
1206	Wygchakta	72 47	56 7	19·2	1010·0	1012·3	+ 0·8	284·5	290·6	29th	276·8	273·8	19th	280·7	280·8	+ 2·8	0	-23
1207	Scoresbysund	73 29	21 34	3·2	1017·0	1017·4	..	..	287·5	15th	..	..	..	..	..	..	..	..
1208	Jan Mayen	70 29	21 58	16·9	?1010·6	?1012·6	..	?282·9	..	..	?274·3	..	..	..	278·4	..	..	..
1209	Ovelhard Radio (Spitsbergen)	70 59	W. 8 18	23·1	1007·2	1010·0	+ 0·4	..	284·9	9th	276·9	273·6	1st	..	?279·1	+ 0·7	10	-13
1210	¢Gjoröen	78 13	E.15 38	53·0	1003·6	1010·1	- 2·4	..	286·5	25th	278·6	275·9	12th	..	281·1	..	15	..
1211	Kingy	74 28	19 17	29·2	?1005·0	1008·7	- 2·1	..	280·7	8th	275·0	272·0	1st	..	276·9	- 0·9	31	+11
1212	Sletnes	71 4	24 6	4·3	1008·6	1009·1	- 1·5	..	297·1	5th	281·0	278·0	15th	..	283·7	+ 0·7	32	- 3
1213	Vardö	71 5	28 14	10·2	1008·7	1009·9	- 2·2	..	296·3	8th	280·7	276·3	1st	..	283·4	..	41	..
1214	Malye Karmakouly	70 22	31 5	12·1	1008·8	1010·3	- 1·9	..	293·6	5th	280·9	277·1	1st	..	283·2	+ 1·5	22	-23
1215	Nalgatch	72 23	52 44	15·3	1007·4	1009·2	- 3·5	..	293·6	..	..	272·8	..	..	280·0	+ 0·9	32	+ 7
1216	Cape of Desire (Zhelanya)	70 24	58 48	11·2	1009·1	1010·4	- 0·5	284·0	295·4	..	276·9	273·3	..	280·5	279·5	+ 1·3	17	-11
1217	Dickson	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1218	Boulogne	73 30	80 23	13·0	1005·8	1007·4	- 2·6	279·7	287·4	..	275·1	272·3	..	277·4	277·0	- 0·3	6	-19
		70 45	127 47	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

JULY - ZONE 2.

1251	Frederikshavn	N.	W.															
1252	Savonga	64 52	175 42	?31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1253	Kodiak	63 43	170 20	5·5	..	..	..	?284·0	?289·1	22nd	?276·8	?273·6	16th	?280·4	..	..	..	..
1254	Bethel	64 30	165 24	6·7	1011·2	1011·8	+ 0·7	283·2	293·6	20th	278·3	273·0	25th	280·7	281·1	- 2·4	56	-17
1255	Nenana	60 45	161 47	11·6	..	1013·2	+ 1·0	291·8	296·9	9th	280·4	277·4	6th,11th	286·1	..	+ 0·7	10	-58
1256	Nanert	65 10	152 6	69·5	1002·7	1010·5	- 1·9	292·9	299·7	2nd	280·1	274·1	4th	286·5	285·7	- 1·2	44	-17
		65 30	150 15	114	..	..	..	291·9	299·7	2nd	279·4	274·1	17th	285·7	..	- 3·0	27	- 9
1257	Waldez	61 7	146 16	122	..	..	..	287·7	293·6	2nd	279·3	277·4	1st,4th	283·5	..	..	169	..
1258	Eagle	64 46	141 12	250	978·6	1008·8	- 2·9	294·5	299·1	2,3,15	280·0	274·7	12th	287·2	285·9	- 0·9	34	-11
1259	Dawson	64 4	139 29	324	971·5	1009·4	..	294·3	299·7	15th	280·5	275·8	11,12,13	287·4	287·5	- 0·8	33	- 6
1260	Adlavik	68 14	134 50	7·6	1007·4	1008·3	..	290·2	299·1	15th	280·1	273·6	7th	285·1	284·8	..	31	..
1261	Fort Good Hope	66 15	128 38	65·2	1004·0	1011·8	..	294·3	302·4	20th	281·3	271·9	25th	287·8	289·1	- 0·5	83	+62
1262	Fort Simpson	61 52	121 15	126	994·2	1009·1	..	297·3	303·0	31st	283·1	277·4	24th	290·2	289·8	+ 0·8	20	-25
1263	Hay River	60 51	115 57	161	990·0	1009·0	..	294·0	303·6	31st	282·3	275·8	14th	288·1	288·7	- 0·2	14	-20
1264	Coppermine	67 49	115 10	4·6	1007·4	1008·0	..	290·1	301·9	21st	281·3	276·3	4th	285·7	285·7	..	39	..
1265	Chesterfield	63 45	91 50	4·0	1008·6	1009·1	..	286·6	293·0	30th	278·8	275·8	5th,7th	282·7	282·7	+ 0·6	25	..
1266	Nottingham Island	63 7	77 56	16·5	1006·4	1008·4	..	285·2	291·9	15th,18th	277·9	272·4	1st	281·6	281·4	..	..	..
1267	Hope's Advance	61 5	69 33	73·2	993·9	1002·8	..	282·5	296·3	17th	275·7	273·0	1,4,22	279·1	279·1	..	22	..
1268	Resolution Island	61 18	64 53	38·7	1005·9	1010·7	..	280·5	285·8	16th,17th	274·7	271·9	5th,7th	277·6	277·5	..	46	..
1269	Jacobshavn	69 13	51 2	31·6	1004·8	1008·6	- 2·4	286·1	290·9	6th	279·8	276·9	20th	282·9	283·6	+ 2·9	1	-30
1270	Godthaab	64 10	51 43	20	..	..	..	286·9	291·4	9th	277·8	274·8	21st	282·3	281·5	+ 1·9	25	-34
1271	Ivigtut	61 12	48 10	30·0	1005·6	1009·3	- 1·0	287·5	291·3	29th	278·2	274·8	16th	282·9	282·9	..	64	-19
1272	Julianehaab	65 36	37 33	39·3	1008·6	1012·2	+ 1·2	286·1	290·5	14th	276·5	273·0	6th	281·3	280·9	+ 1·1	8	-33
1273	Skyggisbola	65 5	22 46	25	..	1007·2	- 3·1	287·2	291·7	31st	280·4	277·6	5th	283·8	282·9	+ 0·2	24	-14
1274	Vestmanno	63 24	20 17	122	..	1006·0	- 4·0	286·1	289·5	23rd	281·0	277·5	3rd	283·5	283·4	+ 0·4	11	-68
1275	Jorsalir	66 33	18 1	22	..	1008·2	- 2·6	283·0	288·2	15th	..	..	..	..	280·3	+ 0·1	46	+18
1276	Akureyri	65 41	18 5	7	..	1007·8	- 3·0	285·3	289·1	14th	281·1	277·7	3rd,4th	283·2	283·1	- 1·2	46	..
1277	Tangarborn	64 41	14 22	18	..	1005·9	- 4·7	288·5	294·3	27th	279·7	276·5	3rd	284·1	282·9	+ 1·1	83	+17
1278	Hjörg	62 3	6 45	22·9	1001·4	1004·2	- 7·4	285·5	289·5	24th	281·1	278·0	11th	283·3	283·4	- 0·3	152	+71
1279	Utvick	60 8	W. 1 11	18·0	..	1003·9	- 7·3	286·7	293·0	8th	283·2	280·8	20th	284·9	284·8	+ 0·5	98	+40
1280	Bergen, Fredriksberg	60 24	E. 5 19	44·4	999·7	1005·0	- 6·3	291·9	300·7	7th	285·0	280·5	1st	288·5	287·7	+ 0·6	156	+38
1281	Aalesund	62 28	6 10	6·3	1004·4	1005·2	- 5·9	..	300·0	7th	284·5	280·5	11th	..	285·5	+ 0·6	67	-15
1282	Trondheim	63 26	10 25	59·2	998·4	1005·4	- 6·1	293·0	303·4	7th	284·7	278·5	2nd	288·9	288·8	+ 1·6	43	-15
1283	Bodö	67 17	14 26	17·0	1005·5	1007·5	- 3·9	..	299·0	7th	284·4	279·1	24th	..	287·5	+ 2·0	76	+11
1284	Bjelkvigfors	65 50	24 9	9·2	1008·7	1009·8	- 0·5	294·2	304·5	7th	285·9	277·5	1st	290·1	289·6	+ 1·5	62	+16
1285	Kuopio	60 10	24 57	11·7	1009·9	1011·3	+ 0·5	293·9	301·5	6th	287·0	280·1	1st	290·5	290·4	+ 0·8	53	- 4
1286	Kola	62 55	27 40	233	984·6	1011·9	+ 1·6	294·2	300·6	6th	286·3	279·5	1st	290·3	289·8	+ 0·3	35	-31
1287	Petrozavodsk	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1288	Archangelsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1289	Mezen	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1290	Ust-Tsylma	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1291	Pokrovsk	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1008·6	1010·2	- 0·4	285·9	296·2	..	278·3	272·9	..	282·1	282·1	+ 3·0	34	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

JULY - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1016·2	+ 3·8	283·5	287·4	1st,2nd	278·6	276·9	2nd	281·1	..	+ 0·7	8	..
303	◊Dutch Harbor	53 55	166 30	4·0	1016·2	1016·9	+ 2·4	286·8	291·9	26th	279·7	277·4	2nd,3rd	283·3	282·9	- 0·5	22	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	69	..
306	Kodiak	57 48	152 22	4·6	1012·5	1013·2	- 1·2	290·3	296·3	1st	275·6	270·2	9th	282·9	..	- 3·3	88	..
								287·9	293·0	12th,13th	281·4	277·4	3rd	284·7	284·1	- 0·6		
309	Sitka	57 3	135 19	19·8	..	..	..	290·9	294·1	3rd	282·4	277·4	2nd	286·7	..	+ 1·0	150	..
310	◊Prince Rupert	54 18	130 18	51·8	1012·4	1018·7	+ 0·5	289·9	294·7	8th	282·7	278·6	28th,30th	286·3	286·5	+ 0·1	73	..
311	Prince George	53 50	122 48	570	947·8	1013·4	..	297·3	307·4	20th	280·2	275·2	28th	288·7	288·6	+ 0·5	59	..
312	◊Kamloops	50 41	120 20	385	970·0	1014·0	- 1·6	301·8	310·8	20th	286·9	281·3	1st	294·4	294·5	+ 0·3	11	..
313	Calgary	51 2	114 2	1058	891·8	1008·7	- 2·5	296·3	305·8	24th	282·7	277·4	7th,11th	289·5	289·4	+ 0·3	41	..
314	Fort Smith	60 0	111 52	207	984·4	1008·4	..	296·7	304·1	9th,21st	?280·7	?273·6	27th	?288·7	?288·3	+ 0·2	18	..
315	Prince Albert	53 10	105 45	436	959·5	1009·5	- 2·3	298·1	306·9	23rd	285·4	280·2	3rd	291·7	291·4	+ 1·6	46	..
316	Qu'Appelle	50 31	103 56	654	936·3	1009·7	- 2·4	298·9	311·3	25th	284·7	277·4	3rd	291·8	291·9	+ 1·3	76	..
317	Minnedosa	50 30	99 50	515	951·2	1009·8	- 2·3	297·9	309·7	24th	284·8	279·1	5th	291·3	291·5	+ 0·6	..	..
318	Berens River	52 18	97 2	219	..	..	..	..	..	..	..	..	..	..	..	..	..	..
319	Pagwa	50 3	85 18	189	..	..	..	300·4	305·2	2nd,17th	280·7	274·7	22nd	290·6	..	+ 0·9	136	..
320	Moose Factory	51 14	80 30	9·1	1006·8	1007·9	..	297·5	303·0	26th	284·7	279·7	30th	291·1	291·4	+ 1·8	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	292·9	301·9	7th,17th	284·5	279·1	22nd	288·7	..	+ 3·3	132	..
322	Mistassini Post	50 30	73 55	383	..	..	..	295·4	300·2	3rd	285·2	278·0	5th	290·3	..	+ 1·5	..	..
323	Fort Chimo	58 10	68 10	15·2	1007·3	1009·1	..	294·1	309·1	19th	279·4	273·0	22nd	286·7	286·7	+ 0·8	107	..
324	Nateshkwan	50 14	61 48	6·1	..	..	..	287·6	299·1	25th	283·6	278·6	6th	285·6	..	- 1·3	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	†59 53	†17 31	(22)	..	..	..	..	..	Sea Temp. 284·7|-0·1	..	..	..	..	284·6	..	..	..
334	Valentia Observatory	51 56	10 13	13·7	1008·4	1010·1	- 5·4	290·2	292·4	11th	285·5	280·5	9th	287·9	287·7	- 0·2	98	..
335	Aberdeen	57 10	W. 2 6	26·0	1001·8	1004·9	- 7·6	289·2	294·5	22nd	284·4	281·3	20th	286·8	286·6	+ 0·2	75	..
336	Greenwich	51 29	0 0	46·3	..	1010·0	- 5·6	295·4	300·2	12th	284·9	281·3	1st	290·2	289·3	- 0·5	63	..
337	Uccle	50 48	E. 4 22	100	999·6	1011·4	- 4·5	296·0	301·8	24th	285·2	280·0	21st	290·6	289·4	+ 0·3	107	..
338	De Bilt	52 6	5 11	3·0	1009·7	1010·1	- 5·2	294·2	302·4	25th	285·8	281·8	21st	290·0	289·6	- 0·2	123	..
338a	Hamburg	53 33	9 58	40·3	1004·6	1009·4	- 4·8	294·1	301·8	24th,25th	286·8	282·7	1st	290·5	289·5	- 0·3	196	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1007·8	1008·4	- 4·5	293·0	299·1	6th	285·8	280·5	1st	289·4	289·5	+ 1·1	140	..
340	Potsdam	52 23	13 4	84·9	1001·0	1011·0	- 3·4	296·2	304·3	4th	286·9	281·5	1st	291·5	291·1	+ 0·4	127	..
340a	Uppsala	59 51	17 38	24	1005·1	1007·9	- 2·7	295·1	301·9	6th	285·3	281·4	21st	290·2	290·0	+ 0·2	45	..
341	Warsaw	52 13	21 3	88·3	1002·0	1012·4	- 1·6	297·5	304·8	28th	287·0	282·5	2nd,23rd	292·3	292·1	+ 0·2	68	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1002·5	1012·0	+ 1·0	296·3	301·2	8th,30th	286·5	278·6	2nd	291·4	291·2	+ 1·2	40	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	17	..
346	Kazan	55 47	49 8	80·6	1003·0	1012·3	+ 1·9	303·2	308·3	12th	290·7	283·0	31st	296·9	297·0	+ 4·1	..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chanter Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolsevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
Number of observations.
◊Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
	Victoria, B.C.	48 24	123 19	70·1	1007·6	1016·0	- 1·0	293·9	303·0	8th	284·8	282·4	27th	289·3	288·9	+ 0·7	8	- 3
	Portland, Oregon	45 32	122 41	46·6	1010·1	1015·2	- 1·7	300·8	311·3	19th	287·5	284·7	27th	294·2	294·0	+ 2·0	0	-15
	◊Macleod				..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Helena	49 44	113 24	953	..	..	..	300·0	310·2	25th	283·9	277·4	5th	291·9	292·3	+ 0·5	50	0
	Salt Lake City	46 34	112 4	1257	874·0	1012·5	- 0·8	301·7	311·9	21st	286·1	276·3	5th	293·9	293·8	+ 1·0	33	+ 4
	Cheyenne	40 46	111 54	1329	866·2	1009·8	- 1·0	306·9	313·6	24th	293·3	285·8	5th	300·1	300·7	+ 2·3	15	+ 2
	North Platte	41 8	104 48	1856	815·8	1012·2	- 0·7	301·8	308·0	25th	286·4	277·4	6th	294·1	294·0	+ 1·5	19	-32
	Bismarck	41 8	100 45	860	915·3	1011·5	- 2·1	305·8	312·4	22nd	290·9	281·9	5th	298·3	298·7	+ 1·9	25	-46
	Winnipeg	46 47	100 48	510	952·2	1011·2	- 2·5	301·9	314·7	27th	288·1	281·3	5th	295·0	295·0	+ 0·9	86	+29
	Duluth	49 53	97 7	232	983·4	1010·2	..	299·3	309·7	25th	287·2	281·9	8th	293·3	292·9	+ 1·2	78	- 1
	Fort Arthur	46 47	92 6	345	972·2	1012·5	- 1·7	299·2	307·4	28th	287·3	281·9	5th	293·3	292·7	+ 2·4	69	-27
	Chicago	48 27	89 12	196	987·7	1010·4	- 3·3	298·3	307·4	28th	286·1	280·8	10th	292·2	291·8	+ 2·2	67	-27
	Toronto	41 47	87 35	205	989·5	1013·9	- 1·4	301·8	310·2	1st	293·6	288·6	6th	297·7	297·3	+ 1·4	68	-18
	New York (Central Park)	43 40	79 24	116	999·0	1012·4	- 2·2	301·6	310·8	1st	291·4	286·3	12th	296·5	296·2	+ 2·9	79	+ 7
	St. John, N.B.	40 47	73 58	47·4	1007·9	1013·4	- 2·1	302·6	309·1	28th	293·9	290·8	3rd	298·2	297·8	+ 0·9	86	-28
	P.E. Point, Anticosti	45 17	66 4	36·3	1009·3	1013·6	..	294·2	299·7	30th	285·3	282·4	1st,2nd	289·8	289·3	+ 0·7	129	+37
	Sable Island (Main Station)	43 57	60 6	7·6	1015·4	1016·3	..	293·9	296·3	10th,11th	288·9	284·1	6th	291·4	291·1	+ 3·5	109	+16
	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Madrid				..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Nantes	40 24	3 41	667	939·5	1013·6	- 1·1	304·9	310·1	19th	289·3	284·4	21st	297·1	296·4	+ 0·9	2	- 6
	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1009·9	1014·2	- 3·7	294·5	302·4	2nd	285·9	281·9	22nd	290·2	289·9	- 1·3	94	+38
	Marseille	48 49	E. 2 30	50·3	1007·6	1013·5	- 3·5	295·6	301·4	3rd	286·1	280·9	22nd	290·9	290·9	- 0·2	99	+47
	Zürich	43 18	5 23	75	..	1014·4	- 0·7	301·0	306·8	3rd	289·9	285·4	23rd	295·4	295·0	- 0·1	7	-10
	Rome	47 23	8 33	493	958·3	1015·0	- 1·8	296·9	305·3	12th	285·7	281·8	23rd	291·3	290·3	- 0·8	188	+58
	Vienna	41 54	12 29	45·5	1009·5	1014·8	- 0·1	305·3	309·1	7th	292·8	289·0	9th	299·0	299·2	+ 1·6	0	-17
	Budapest	48 15	16 22	203	989·6	1013·1	- 1·9	298·4	306·9	15th	288·4	283·8	22nd	293·4	293·1	0·0	74	- 5
	Sofia	47 31	19 1	130	997·5	1012·5	- 1·4	303·2	310·4	15th	289·8	285·5	23rd	296·5	296·1	+ 1·6	9	-46
	Bucharest	42 42	23 20	550	950·6	1012·4	- 1·4	301·4	309·7	16th	289·3	285·4	23rd	295·3	295·7	+ 2·1	105	+33
	Odessa (Observatory)	44 25	26 6	82	1002·3	1011·7	- 0·9	303·9	311·6	16th	291·3	286·9	31st	297·6	297·5	+ 1·8	34	-34
	Novorossiisk	46 26	30 46	42·8	..	..	..	301·4	..	..	292·8	..	..	297·1	..	+ 1·6	..	..
	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Krasnovodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Kasalinsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Andijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Alma Ata	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Mouaden	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Jodpin				..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Jokin	41 46	123 24	44·3	999·2	1004·2	- 0·4	302·4	307·6	28th	291·7	288·2	14th	297·1	297·0	- 0·7	55	-107
	Vladivostok	40 40	129 12	31·9	1005·4	1009·2	+ 1·8	292·5	297·7	31st	287·3	284·6	14th	289·9	289·6	- 3·7	51	-63
	Ochial	42 20	130 24	63·8	1001·7	1009·3	+ 1·7	291·3	299·4	28th	286·4	281·8	14th	288·9	288·5	- 4·1	84	-30
	Nemuro	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Syowa	47 20	142 47	27·4	1007·4	1010·7	+ 1·6	288·1	299·8	31st	280·0	274·8	14th	284·1	283·8	- 4·4	82	-19
		43 20	145 35	26·7	1007·0	1010·2	+ 0·1	287·8	293·2	31st	281·9	277·7	12th	284·9	284·6	- 2·5	60	-36
		45 14	147 53	39·3	1005·2	1010·0	- 0·6	285·7	294·1	17th	279·5	273·8	14th	282·6	282·4	- 4·3	111	+37
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

JULY - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
	San Francisco	37 48	122 26	47·2	1005·1	1010·5	- 3·5	294·1	310·2	3rd	285·6	283·6	31st	289·8	289·0	+ 2·7	0	- 1
	Sacramento	38 35	121 30	21·0	1005·4	1007·8	- 3·7	309·6	315·8	4th	289·2	284·1	16th	299·4	299·6	+ 3·5	0	- 1
	San Diego	32 43	117 10	26·5	1006·4	1009·5	- 3·5	298·8	302·4	26th	293·4	289·7	1st	296·1	295·7	+ 3·8	0	- 2
	Winslow	37 48	113 54	1668	833·7	1008·8	- 1·3	307·0	311·3	26th	288·2	278·6	5th	297·6	297·1	+ 3·2	13	-24
	Santa Fé	35 41	105 57	2138	790·7	1010·5	- 0·5	300·8	305·2	22nd	287·6	281·9	5th	294·2	293·6	+ 1·0	25	-42
	Denver	39 45	105 0	1613	838·8	1012·2	- 1·2	304·4	310·8	22nd	290·4	282·4	6th	297·4	296·9	+ 2·1	23	-22
	Abilene	32 23	99 40	530	952·6	1011·8	- 1·4	308·1	311·3	7th	295·3	291·3	6th	301·7	301·0	+ 0·7	56	+ 6
	Saint Louis	38 38	90 12	173	993·5	1013·2	- 1·7	306·3	313·0	1st	295·5	291·9	6th	300·9	300·8	+ 1·7	103	+11
	Mobile	30 41	88 2	17·4	1013·2	1015·2	- 1·2	305·4	308·6	31st	296·4	294·1	22nd	300·9	299·7	+ 1·0	457	+278
	Montville	36 10	86 47	166	995·6	1014·9	- 1·3	305·8	309·1	12th	295·3	290·8	11th	300·6	300·1	+ 1·5	63	-42
	Charleston	32 47	79 56	14·6	1013·5	1015·2	- 1·7	305·2	311·3	2nd	297·4	294·1	11th	301·3	301·3	+ 1·3	175	- 5
	Washington	38 54	77 3	34·1	1009·5	1013·2	- 2·1	304·6	309·1	29th	294·3	290·8	26th	299·4	298·7	+ 1·7	107	-13
	Bermuda	32 17	64 46	38·1	1014·3	1018·7	..	302·9	305·2	13th,29th	295·8	291·9	1st	299·3	298·6	- 0·8	58	-57
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

JULY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1023·3	1028·7	+ 2·9	298·1	302·5	30th	292·2	289·7	11th,12th	295·2	294·8	+ 0·6	9	-24
531	Horta	38 32	28 38	65	1019·6	1027·4	+ 2·4	297·6	301·7	24th	290·8	288·3	9th	294·2	294·0	- 0·5	30	-
532	Ponta Delgada	37 44	25 40	22	1023·5	1026·1	+ 2·0	296·0	299·5	28th	291·1	288·2	12th	293·5	293·6	- 0·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	28	-
533	Madeira (Funchal)	32 38	16 55	25	1018·3	1021·2	+ 0·9	296·5	300·5	18th	291·4	289·6	9th	294·0	294·3	+ 0·1	0	-22
535	Lisbon	38 43	9 9	95	1006·3	1018·0	+ 0·8	298·3	307·6	17th	289·5	287·1	8th	293·9	293·5	+ 0·1	0	..
536	Gibraltar	36 6	5 21	27·4	..	1015·6	- 1·4	301·6	308·0	13th	292·3	290·2	2nd,7th	296·9	295·6	..	..	..
536a	Colomb-Béchar	31 37	W. 2 13	769	..	..	..	..	..	..	..	..	..	..	..	..	..	..
537	Palma	39 34	E. 2 39	23	1012·7	1015·3	- 2·7	303·9	310·6	22nd	292·0	287·4	22nd	298·0	300·2	- 0·2	1	-70
538	Algiers	36 46	3 13	59	1008·0	1014·8	- 0·9	302·1	306·6	2nd	294·9	292·2	23rd	298·5	297·8	+ 0·7	0	..
538a	Gadames	30 18	9 30	351	..	..	..	317·1	322·4	9th	297·1	293·1	3rd	307·1	..	+ 0·4	4	-22
539	Tunis	36 48	10 10	66	1007·1	1014·6	- 1·1	305·9	318·8	7th	294·0	288·6	23rd	299·9	299·7	+ 1·3	0	..
540	Malta	35 54	14 31	71·2	..	1014·1	- 0·1	303·7	312·4	2nd,7th	296·5	292·4	24th	300·1	299·3	+ 1·4	0	..
541	Athens	37 58	23 43	107	997·8	1009·9	- 1·4	307·4	312·8	10th	296·5	293·4	1st	301·9	301·8	+ 1·9	0	..
542	ϕAlexandria	31 12	29 53	32·0	1004·4	1008·0	- 1·6	303·1	304·8	27th	296·1	293·5	2nd	299·6	299·2	+ 0·5	..	..
543	Ankara	39 58	32 48	861	913·5	1007·3	- 2·6	303·5	309·2	22nd	288·2	281·4	3rd	295·9	296·8	+ 0·9	4	-70
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1004·1	- 1·4	309·9	313·0	18th	294·7	291·9	1,2,31	302·3	..	+ 1·7	0	..
544	ϕBeirut	33 54	35 28	33·7	..	1005·6	- 2·0	305·5	306·9	16th	297·1	294·1	1st	301·3	301·2	+ 0·8	0	..
545	Hinaidi	33 17	44 29	32·9	995·1	998·7	- 0·4	317·1	319·7	20th	299·7	296·3	4th	308·4	309·0	..	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	+ 0·5	8	-19
547	Tehran	35 41	51 25	1220	865·7	990·5	..	309·3	311·1	21st	297·2	295·3	2nd	303·2	303·0	..	..	..
548	Meshed	36 17	59 36	946	..	..	..	307·8	310·3	21st	..	..	..	..	..	..	..	..
549	Seistan	31 2	61 30	?610	943·8	..	..	311·9	314·7	20,30,31	298·8	293·2	28th	305·4	..	- 0·3	0	-12
550	Quetta	30 10	67 1	1647	828·1	..	- 0·4	307·8	310·8	21st,22nd	292·1	286·3	29th	299·9	299·7	+ 0·7	1	-20
551	Peshawar	34 1	71 35	355	958·5	996·9	- 0·5	311·9	317·4	21st	298·8	294·7	24th	305·3	304·8	- 0·5	21	-20
551a	Lahore	31 35	74 20	314	974·1	997·6	+ 0·1	309·2	318·0	1st	298·8	293·6	5th	304·0	303·2	- 1·5	248	+98
552	Simla	31 6	77 10	2202	776·6	..	- 0·3	294·9	300·8	1st	288·3	284·7	2nd	291·6	291·4	+ 0·2	170	-
552a	Leh	34 9	77 34	3503	664·3	..	+ 0·1	294·0	299·7	9th	282·5	278·0	1st	288·3	287·3	- 2·3	6	-
558	Sian	34 31	109 5	365	962·5	1002·9	..	306·0	314·0	?	294·8	288·2	?	300·4	300·7	..	..	..
559	Hankow	30 35	114 17	39·1	1000·7	1005·2	+ 1·2	302·9	309·9	3rd	296·5	293·6	21st	299·7	299·4	- 2·3	482	+267
560	Tientsin	39 9	117 9	6·4	1004·3	1004·8	+ 0·7	306·6	311·8	27th	294·0	290·2	1st	300·6	299·6	+ 0·1	84	-131
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·2	1005·0	+ 0·3	303·4	308·7	3rd	295·8	291·5	15th	299·6	298·9	- 1·0	369	+219
562	Jinsen (Chemulpho)	37 29	126 38	70·4	998·9	1007·0	+ 0·4	298·6	301·6	29th	291·6	286·9	13th	295·1	294·6	- 1·6	219	+78
562a	Nagasaki	32 44	129 52	133	993·2	1008·4	0·0	299·7	303·6	30th	294·8	291·4	23rd	297·3	296·8	- 1·7	478	+337
563	Kyoto	35 1	135 44	42·9	1003·0	1008·0	- 0·5	300·8	305·4	8th	292·8	288·6	24th	296·8	296·3	- 1·9	244	+103
564	Tokyo	35 41	139 46	5·8	1007·8	1008·5	- 0·8	298·1	305·8	19th	292·0	288·3	12th	295·1	294·8	- 2·4	194	-
565	Hukusima	37 45	140 28	68·5	1000·8	1008·8	- 0·4	298·3	305·3	2nd	289·9	287·2	1st,11th	294·1	293·6	- 2·6	129	-
566	Miyako	39 38	141 59	30·4	1005·5	1009·1	- 0·3	294·1	300·2	27th	287·1	283·3	6th	290·6	289·9	- 3·0	133	-

JULY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1015·1	1015·8	..	306·2	309·7	2nd	294·2	291·9	sev.dates	300·2	299·4	+ 1·9	43	13
605	Honolulu	21 19	157 52	11·6	1014·9	1016·2	- 0·4	301·0	301·9	1st	295·9	294·1	7th	298·4	298·3	0·0	13	-
613	ϕGuaymas	27 55	110 53	8·3	1007·5	1008·4	- 1·7	308·9	311·8	11th	300·2	295·0	21st	304·5	303·8	+ 0·8	39	8
614	La Paz, Mexico	24 10	110 20	12	1005·0	1006·3	..	306·8	309·5	12th	298·7	295·6	15th	302·7	302·2	- 0·3	..	..
615	Leon	21 7	101 41	1809	819·4	1006·4	- 3·2	300·0	303·6	13th	288·5	286·1	2nd	294·3	293·4	- 1·4	152	90
616	ϕMonterry	25 40	100 18	528	952·0	1010·4	- 0·9	303·6	307·7	9th	295·0	293·5	24th	299·3	298·7	- 0·2	102	28
617	Tulancingo	20 5	98 22	2181	789·5	..	- 1·8	295·9	301·0	sev.dates	284·7	281·5	27th	290·3	289·2	+ 0·7	28	19
618	Galveston	29 18	94 50	16·5	1012·5	1014·5	- 1·5	304·3	308·6	10th	299·6	295·8	17th	302·0	301·6	+ 1·1	197	137
618a	New Orleans	29 57	90 4	16·2	1012·8	1014·5	- 1·4	306·1	309·7	9th	298·0	294·1	15th	302·0	301·4	..	..	..
619	Merida, Yucatan	20 58	89 38	22	1009·6	1012·1	- 3·5	305·0	306·6	sev.dates	297·2	295·2	24th	301·1	300·1	+ 0·3	84	17
620	Havana	23 7	82 25	77·0	1004·8	1013·6	- 3·1	304·6	306·9	13th	296·6	295·0	12th	300·6	300·0	0·0	82	25
620a	Key West	24 33	81 48	6·7	1014·2	1014·9	- 1·9	304·4	306·3	9th	298·8	296·3	12th	301·6	301·4	+ 0·3	25	2
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·8	- 0·9	304·4	306·3	21st,25th	298·6	295·2	16th	301·5	301·6	+ 0·3	..	..
622	San Salvador (Watling Island)	24 6	74 26	33·5	?1014·5	?1018·3	- 0·1	..	..	..	..	..	..	..	?300·5	- 0·5	..	..
633	Port Etienne	20 56	17 3	4	1014·8	..	..	301·2	306·0	26th	289·6	288·4	8th	295·4	294·2	..	0	-12
634m	Izaña	28 19	16 30	2367	773·3	..	+ 0·2	295·3	299·9	19th	286·3	279·2	3rd	290·8	290·4	+ 0·7	1	-20
634	La Laguna	28 28	16 20	547	953·4	1015·9	- 1·1	296·6	304·0	20th	287·1	284·0	10th	291·9	291·2	- 1·4	24	0
636	Adrar	27 52	W. 0 17	2285	979·1	1009·5	..	321·7	323·8	10th	302·3	297·8	19th	312·0	313·6	..	..	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	864·1	1002·3	..	309·2	314·6	31st	295·8	287·8	26th	302·5	303·6	+ 0·7	5	-10
639	Sebha	27 1	14 27	424	..	..	..	311·3	316·2	28th	297·3	294·0	16th	304·3	..	..	0	-
640	Hon	29 8	15 56	263	..	..	..	314·4	322·1	8th	291·3	286·2	16th	302·9	..	..	0	-
641	Giarabub	29 44	24 30	12	..	..	..	311·5	317·4	11th	294·5	291·0	5th	303·0	..	..	0	-
642	Siwa	29 12	25 29	-23	1011·5	1008·9	- 2·1	..	..	..	295·2	292·0	16th,17th	..	302·9	..	0	-
643	Cairo (Helwan)	29 52	31 20	116	993·4	1006·4	- 1·9	308·8	312·6	28th	295·0	291·8	2nd	301·9	302·2	+ 1·2	..	..
643a	Aswan	24 2	32 53	100	993·9	1004·9	- 1·1	315·2	318·7	12th	299·3	296·7	1st	307·3	306·9	+ 0·9	0	-
644	Tor	28 14	33 37	1·9	1004·6	1004·8	- 0·2	308·6	315·0	29th	298·0	295·5	12th	303·3	302·6	+ 1·6	..	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ϕChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JULY - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
467	Bushire	28 59	50 49	4·3	995·5	996·1	..	307·8	310·3	25th	302·2	299·6	11th	305·0	304·3	0·0	0	0
468	Jask	25 45	57 45	4·0	995·7	996·2	..	309·9	314·7	1st	302·9	300·5	4th	306·4	305·7	+ 0·8	0	0
469	Karachi	24 48	66 59	4·0	998·6	999·0	- 0·2	305·2	306·9	4 days	301·2	299·1	19th	303·2	302·5	+ 1·0	5	-70
470	Jacobabad	28 17	68 29	56·7	990·0	996·1	- 0·1	315·1	320·8	1st	302·8	300·2	3,6,30	308·9	308·3	+ 0·1	0	-22
471	Jaipur	26 55	75 50	436	952·0	999·5	+ 0·2	308·3	316·3	1st	298·8	293·6	5th	303·6	302·7	+ 0·4	247	+43
472	Allahabad	21 9	79 7	310	967·6	1002·1	+ 0·4	304·3	311·3	1st	296·4	294·1	9th	300·3	299·7	- 0·3	453	+102
473	Darjiling	25 26	81 50	94·2	988·6	999·1	+ 0·1	307·4	315·8	1st	300·2	298·0	17,18,29	303·8	303·2	+ 0·6	196	-102
473a	Calcutta	27 3	88 16	2265	771·8	..	- 0·5	291·6	293·0	4 days	287·6	285·8	26th	289·6	289·4	- 0·1	1073	+253
474	Gauhati	22 32	88 20	6·4	1000·0	1000·8	+ 0·6	304·8	306·9	27th,28th	299·3	296·9	8th	302·1	301·8	+ 0·5	348	+30
475	Cherrapunji	26 11	91 45	59·7	995·4	1002·1	0·0	304·1	306·3	5 days	298·8	296·9	24th	301·5	300·9	- 0·4	533	+235
476	Akyab	25 15	91 44	1313	862·9	..	+ 0·1	294·9	301·3	1st	291·4	290·8	6,17,28	293·2	292·7	- 0·1	4023	+1520
477	Mandalay	20 8	92 55	8·8	1004·1	1005·1	- 0·6	301·6	303·0	6,7,15	297·6	296·3	30th	299·6	299·7	- 0·6	1266	-126
478	Kengtueh	21 59	96 6	76·2	996·0	1004·6	+ 0·2	308·3	310·2	21st,22nd	299·7	297·4	15th	304·0	303·4	+ 0·7	19	-65
479	Fou lien	25 0	98 40	1634	830·5	1001·4	..	294·8	299·7	3rd	290·3	286·9	1st	292·5	291·8	- 0·6	..	..
480	Monkay	20 48	106 38	116	..	1003·9	+ 1·4	305·6	311·0	13th	298·6	295·0	27th	302·1	301·6	+ 0·4	257	-34
481	Hongkong	21 31	107 58	9·0	..	1004·3	+ 1·3	304·6	307·7	1st	298·6	295·4	28th	301·6	300·9	- 0·1	1189	+587
482	Amoy	22 18	114 10	33·2	..	1006·9	+ 2·2	303·8	305·2	8th	299·1	297·4	15th	301·5	301·2	+ 0·4	250	-116
483	Taihoku, Formosa	24 26	118 4	4·9	1007·3	1007·8	+ 2·4	304·4	305·8	sev.dates	300·4	298·6	16th,19th	302·4	301·9	- 0·1	63	-70
484a	Basco	25 2	121 31	9·3	1007·1	1008·1	+ 2·5	306·8	308·8	22nd	297·4	295·8	27th	302·1	301·4	+ 0·3	213	-13
484	Naha	20 28	121 59	18·7	..	1008·0	+ 2·6	305·3	306·8	6th	299·1	297·3	16th	302·2	302·0	+ 0·8	194	-120
485	Titisima (Bonin Islands)	26 12	127 39	29·5	1007·2	1010·5	+ 2·9	303·8	305·5	29th	299·3	296·5	14th	301·5	301·4	+ 0·5	100	-88
		27 5	142 11	4·3	1013·3	1013·8	+ 2·2	304·4	307·0	30th	298·1	295·7	19th	301·3	300·7	+ 0·6	1	-165

BETWEEN LATITUDE 20° N. AND 10° N.

JULY - ZONE 7.

		N.	W.															
725	ϕColima	19 12	103 45	498	954·8	1010·1	- 2·0	303·9	308·5	2nd	294·6	293·0	5th	299·3	298·3	- 0·6	264	+75
726	ϕMorelia	19 42	101 7	1923	808·4	1006·8	- 3·3	295·8	298·9	12th	288·3	286·9	25th	292·1	291·8	+ 0·7	247	+77
727	ϕMexico, Tacubaya	19 24	99 12	2309	774·1	..	- 1·9	296·5	299·7	16th	285·0	283·0	25th	290·7	289·1	+ 0·4	170	+27
728	Belize Cruz	16 12	95 12	56	1003·4	1009·8	- 2·5	301·9	305·5	1st	295·9	293·7	3rd	298·9	299·7	- 1·3	623	+507
729	San Salvador	13 42	89 13	682	936·8	1012·3	+ 0·1	303·3	306·6	8th	292·5	291·0	5th	297·9	296·0	- 0·6	273	-25
730	Belize	17 31	88 11	5·2	1010·1	1010·7	- 2·8	302·8	304·1	5th,16th	296·8	293·8	4th	299·8	299·4	- 0·7	195	+57
731	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·0	- 1·6	304·7	306·7	24th	296·1	294·6	24th	300·4	300·2	+ 0·5	86	-62
732	Port au Prince	18 33	72 20	37·4	1009·5	1013·8	- 1·6	305·7	307·8	24th	296·6	295·0	31st	301·1	300·4	- 0·4	121	+52
733	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
734	San Juan, Porto Rico	18 29	66 7	25·0	1011·8	1014·5	- 2·1	303·0	305·2	2nd	298·0	296·3	24th	300·5	300·4	+ 0·9	243	+80
735	Grenada (Richmond Hill)	12 5	61 46	188	991·8	1013·1	- 0·4	303·3	304·7	30th	296·2	295·2	12,18,19	299·7	299·0	+ 0·5	460	+221
736	Barbados	13 8	59 36	57·9	..	1013·3	- 1·4	302·8	303·6	3rd	296·4	294·7	14th	299·6	299·4	- 0·2	241	+113
737	Sto Vicente, C. Verde Is.	16 54	25 4	11	1013·9	1015·1	+ 1·0	300·1	303·0	16th	295·5	294·5	2,9,18	297·8	297·9	+ 0·5	0	- 6
738	Sao Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
739	Bathurst (Cape St. Mary)	14 40	17 26	32	1008·3	1011·9	..	304·6	307·0	18th,22nd	297·4	294·1	12th	301·0	300·9	+ 0·1	160	+70
740	Bathurst	13 29	16 40	15·9	..	..	..	302·5	305·2	18th	296·4	294·1	22nd	299·4	299·6	- 0·2	223	-38
741	Kabara	12 57	7 26	300	..	..	..	305·5	312·0	4th	294·3	289·0	sev.dates	299·9	298·8	..	210	..
742	Sokoto	16 45	W. 3 1	273	..	..	..	314·1	318·0	4th	298·5	295·0	23rd	306·3	305·4	..	64	..
743	Kaduna	13 2	E. 5 14	354	..	..	..	306·0	311·9	5th,6th	295·9	293·0	24th	300·9	300·2	+ 0·3	156	- 4
744	Bida	10 32	7 25	597	944·5	1015·4	..	303·8	305·2	1,28,29	..	..	..	..	‡296·6	+ 1·0	310	+40
745	Maiduguri	18 41	12 55	356	..	..	..	316·7	318·4	29th	298·5	295·4	7th	307·6	308·5	..	3	..
746	El Fasher	11 47	13 11	361	..	..	..	306·4	310·8	1st	..	..	..	..	‡300·3	+ 0·4	211	+44
747	El Obeid	13 32	25 18	730	926·3	1005·2	..	309·7	314·0	10th	294·8	290·0	30th	302·3	300·1	+ 0·2	112	-15
748	Khartoum	13 11	30 14	563	946·3	1008·1	+ 0·1	307·5	312·7	3rd,10th	294·0	289·5	24th	300·7	299·9	- 0·3	100	+11
749	Port Sudan	15 37	32 33	390	964·0	1006·3	- 1·0	312·8	317·2	10th	299·0	295·5	16th	305·9	305·7	+ 0·8	2	-45
750	Berbera, Somaliland	19 37	37 13	5·5	1004·2	1004·8	+ 0·1	314·3	318·6	12th,13th	301·9	298·6	26th	308·1	307·5	+ 0·9	0	- 8
751	Aden	10 26	45 2	13·8	1001·3	1002·8	- 1·4	314·7	315·8	sev.dates	305·2	300·2	28th	309·9	309·3	+ 0·5	0	- 2
		12 49	45 2	29·9	1001·1	1004·5	+ 0·9	308·1	310·2	16th	302·6	297·4	11th	305·3	305·2	+ 1·2	0	- 1
752	Bombay	18 54	72 49	11·3	1003·1	1004·4	- 0·3	302·7	304·7	8th,9th	297·5	295·8	1,3,15	300·1	300·2	- 0·3	1207	+590
753	Kodaikanal	10 14	77 28	2343	770·0	..	+ 1·2	290·5	292·4	10th	284·7	283·6	2nd,6th	287·6	287·2	+ 1·3	169	+42
754	Bangalore	12 58	77 35	921	907·6	1007·7	+ 0·7	302·2	304·7	8th,22nd	292·6	291·3	25th	297·4	296·3	+ 1·1	86	-20
755	Madras	13 4	80 15	6·7	1005·8	1006·6	+ 0·6	307·6	311·3	11th	298·9	296·3	24th	303·3	302·4	- 0·4	146	+45
756	Vizagapatam	17 42	83 18	38·4	998·9	1003·1	+ 1·1	303·7	306·3	2nd,3rd	298·8	296·3	5,9,10	301·2	300·4	- 1·2	104	-10
757	Port Blair	11 40	92 43	18·0	1006·5	1008·5	- 1·3	302·6	303·6	6,22,26	298·5	295·8	11th,12th	300·5	299·7	+ 0·1	279	-109
758	Rangoon	16 46	96 11	5·5	1007·4	1008·1	- 0·8	302·8	305·2	21st	297·4	296·3	29th,31st	300·1	299·1	+ 0·2	659	+115
759	Cap St. Jacques	10 20	107 5	180	..	1009·8	..	302·9	305·6	19th	296·1	294·3	9th,13th	299·5	299·0	0·0	214	0
760	Bintreng	12 15	109 12	3·6	..	1006·8	..	305·3	307·9	2nd	297·4	296·1	17,20,30	301·4	300·9	- 0·1	34	-10
761	Bolinao	16 23	119 53	2	..	1008·3	+ 3·2	305·1	307·0	20th,27th	297·5	296·0	24th	301·3	300·9	+ 1·0	191	-447
762	Vigan	17 34	120 23	12·2	..	1007·9	+ 2·1	305·5	306·9	22nd	297·8	296·5	15,19,31	301·7	301·0	+ 0·7	236	-457
763	Manila	14 35	120 59	14·2	..	1009·0	+ 2·2	305·1	307·7	2nd	297·2	296·1	5th	301·1	300·3	+ 0·3	180	-236
764	Ormoc	11 0	124 36	5·6	..	1008·5	+ 1·4	304·5	306·1	13th	295·8	294·1	26th	300·1	299·9	0·0	295	+ 7
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·2	+ 1·5	304·7	306·6	26th	297·8	296·6	14th	301·3	301·7	+ 1·2	283	-83
766	Saipan	15 14	145 46	207	987·4	1007·5	..	302·6	303·9	24th	297·2	295·2	8th	299·9	299·7	..	167	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ϕChange of normals, see Table of Authorities, pages 105-15.

JULY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1007·7	1008·3	- 2·5	..	..	..	297·9	296·3	16th	..	‡302·6	+ 0·7	96	-117
821	∮Cristobal	9 23	79 54	11·0	..	1010·0	- 0·7	303·8	305·8	9th	297·3	296·3	20th	300·6	299·8	+ 0·6	339	+42
822	Bogota	4 36	74 5	2645	746·7	..	+ 0·3	291·0	293·7	13th	283·2	281·0	18th	287·1	286·6	+ 0·2	93	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	985·0	1009·6	- 2·1	..	..	..	..	..	..	..	..	..	264	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·1	- 1·4	302·7	305·2	11th	296·9	295·2	15th,19th	299·8	299·4	+ 0·2	315	+40
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	- 1·3	304·5	306·5	25th	296·1	295·4	14,15,29	300·3	299·5	+ 0·4	447	+86
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	456	..
833	Konakri	9 31	13 43	16	..	..	..	301·2	304·4	19th	296·2	294·7	17th	298·7	298·5	+ 0·2	1479	+22
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1006·4	1012·8	+ 0·4	300·8	303·0	2,6,9	..	..	..	..	‡298·3	..	1033	+20
835	∮Assumtsi	5 18	1 15	97·3	1001·5	1012·7	..	299·9	301·3	26th	294·9	293·6	1st,22nd	297·4	297·0	+ 0·4	42	-34
836	∮Accra	5 33	W. 0 12	17·7	1011·1	1013·2	- 0·8	300·7	301·9	1,9,31	296·2	294·1	22nd	298·4	298·0	+ 0·3	8	..
837	∮Lagos	6 27	E. 3 24	3·0	1012·8	1013·2	+ 0·1	300·6	302·4	1,10,28	296·5	295·2	13th	298·5	298·1	- 0·1	652	+181
838	∮Victoria, Nigeria	4 1	9 12	15·5	1012·1	1013·9	..	299·5	304·7	31st	294·3	292·4	22nd,23rd	296·9	296·5	+ 0·2	1216	+75
839	Yola	9 12	12 30	259	..	..	..	303·4	307·2	7th,29th	295·4	293·0	8,13,26	299·4	298·9	+ 0·2	225	-51
841	Wau	7 42	28 3	440	960·4	1009·2	- 0·7	304·8	307·9	9th	294·6	292·0	14th	299·7	298·9	+ 0·8	158	..
843	Malakal (Kodok)	9 35	31 37	394	966·6	1010·6	- 0·7	305·1	308·5	6th	295·2	293·0	9th	300·1	298·7	+ 1·0	113	-78
843a	Juba	4 53	31 35	475	957·5	1010·7	..	303·8	307·7	30th	292·3	290·4	28th	298·1	296·9	..	116	+22
844	Entebbe	0 5	32 29	1171	..	..	..	297·6	299·1	26th	290·1	288·6	18th,31st	293·8	..	+ 0·2	202	..
844a	Kampala (Kololo Hill)	0 20	32 36	1310	869·8	1010·4	..	297·7	299·9	8th	289·8	288·6	25th	293·7	292·9	..	96	-57
845	Sheikh	9 55	45 16	1463	..	..	..	302·1	305·2	9th	290·9	288·6	16th	296·5	295·8	..	9	..
851	Minicoy	8 18	73 0	2·7	1010·0	1010·2	+ 0·1	303·1	304·1	5th,16th	298·1	295·8	sev.dates	300·6	299·8	..	134	-68
851a	Cochin	9 58	76 14	2·7	1010·2	1010·6	+ 0·4	301·8	303·6	6th	296·6	294·7	26th	299·2	298·4	+ 0·1	666	+60
852	∮Colombo Observatory	6 54	79 52	7·3	..	1009·8	+ 0·9	302·4	303·2	1st	297·7	294·8	24th	300·1	299·3	- 0·2	61	-61
853	∮Nuwere Eliya	6 58	80 46	1881	813·3	1010·8	- 0·2	292·3	294·4	28th	285·6	284·5	15th	289·0	288·3	+ 1·1	81	-38
854	∮Trincomales	8 35	81 15	30·2	..	1006·4	+ 1·2	306·5	308·4	6th	297·7	294·7	29th	302·1	301·3	- 0·5	..	..
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	69	..
856	Medan	3 35	98 41	25·0	..	1009·7	+ 0·8	303·5	305·2	13th	295·3	293·8	10th	299·4	298·8	- 0·1	113	..
857	Butterworth	5 25	100 22	2·1	..	1009·1	..	303·6	305·2	17th	296·1	294·7	4th	299·8	299·7	..	176	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·5	+ 0·6	303·7	306·3	10th,13th	297·5	295·2	28th,30th	300·6	299·9	..	127	..
859	Sandakan	5 50	118 7	31·7	1002·7	1009·0	..	304·1	305·2	12th,28th	296·9	295·8	7th	300·5	300·6	- 0·2	248	..
860	Iwahig	9 44	118 38	14·3	..	1007·9	+ 1·0	304·6	306·6	3rd	295·9	294·9	16th	300·3	299·8	+ 0·5	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1008·7	+ 1·1	304·4	306·3	2nd	296·8	294·8	26th	300·6	300·0	- 0·2	244	+60
861a	Menado	1 30	124 50	8·5	..	..	..	303·3	305·1	4th	295·4	294·0	11th	299·3	298·8	- 0·6	146	+23
862	Surigao	9 48	125 29	6·0	..	1009·1	+ 1·6	303·6	305·1	2nd,22nd	296·7	294·6	26th	300·1	299·8	- 0·6	173	+20
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·0	+ 1·8	303·9	305·6	21st	298·2	296·8	10th	301·1	300·6	+ 0·8	242	+28
864	Palau	7 20	134 29	31·8	1006·5	1010·1	+ 1·0	303·0	304·3	3rd	297·1	293·8	9th	300·1	300·1	+ 0·5	305	..
867	Ponape	6 58	158 13	38·9	1005·5	1009·9	..	302·8	303·9	7th,18th	295·9	294·2	19th,20th	299·3	299·2	..	361	..
		N.	E.														mm.	mm.

JULY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1010·9	..	301·7	303·4	1st	298·3	296·2	7th	300·0	299·7	..	558	..
920	Lambayeque	6 46	80 55	15	1011·8	1013·6	..	298·3	300·0	6th	289·7	287·0	18th	294·0	293·3	..	0	-28
921	Quito	0 14	78 30	2816	728·3	..	+ 0·4	294·1	297·3	31st	279·3	276·9	23rd	286·7	285·4	+ 0·4	28	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	300·9	302·0	10th,20th	295·3	293·2	21st	298·1	297·4	- 0·2	25	..
939	Loanda	8 49	E. 13 13	59·3	..	1014·9	- 0·8	295·6	297·4	28th	290·6	289·0	5th,27th	293·1	292·6	- 0·2	0	..
940	Brezzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·5	296·9	..	282·6	279·4	..	288·1	289·0	..	14	..
943	Masaka	0 20	31 44	1280	..	..	..	?297·4	?299·7	23rd	?288·5	?287·2	25th	?292·9	292·2	..	..	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·3	1016·1	..	293·9	297·0	9th,25th	284·5	282·3	12th	289·2	288·5	..	38	..
944a	Zanzibar (Town)	6 10	39 12	17·1	1015·2	1017·2	- 1·3	301·0	301·9	25th	296·4	295·8	18th,21st	298·7	298·0	+ 0·9	22	-50
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	1013·3	1015·6	..	301·4	303·9	8th	296·0	294·7	21st	298·7	298·2	..	50	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·4	1011·8	- 1·7	300·8	301·3	4th	296·6	294·7	14th	298·7	298·0	+ 0·3	..	..
957	∮Padang	0 56	100 22	6·7	..	1010·2	- 0·2	303·7	305·3	4th	296·6	295·1	28th	300·1	299·6	+ 0·2	303	-32
958	Batevia	6 11	106 50	8·0	1009·6	1010·5	+ 0·4	304·1	305·4	2,8,11	296·3	294·4	19th	300·2	299·7	+ 0·8	32	..
958a	∮Pontianak	0 1	109 20	2·6	..	1010·2	+ 0·6	304·0	306·7	12th	297·0	295·3	27th	300·5	299·8	- 0·1	285	-48
959	Pasuruan	7 38	112 55	5·0	..	1010·7	0·0	305·0	306·4	23rd	294·2	291·1	16th	299·6	299·5	+ 0·8	0	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	4	..
962	Amboina	3 42	128 10	4·2	..	1010·8	+ 0·3	300·4	301·9	4th	296·2	294·1	5th	298·3	298·1	+ 0·3	1153	-156
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	121	-52
965	Daru	9 4	143 13	7·6	..	1012·2	+ 0·8	301·1	..	..	..	..	..	..	..	+ 0·7	71	..
966	Port Moresby	9 29	147 9	38·4	..	..	..	..	..	..	296·8	..	..	298·9	298·5	+ 0·7	4	..
											294·5	..	..	..	‡299·6			
967	Rabaul	4 9	152 12	12·5	1008·2	1009·6	+ 0·5	305·4	307·1	24th	295·6	294·4	10th	300·5	299·9	+ 0·5	41	-78
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·0	304·7	21st	297·8	295·8	2nd	299·9	299·7	- 0·2	272	+22
970	Ocean Island	0 52	169 35	42·6	1005·6	1010·5	+ 0·5	304·5	305·8	21st,22nd	298·4	297·4	9th,29th	301·4	300·8	+ 0·6	38	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

JULY - ZONE 10.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1015·5	1016·5	..	298·9	301·4	25th	294·1	289·1	24th	296·5	..	..	48	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1012·5	+ 0·7	301·9	303·4	8th	295·8	291·9	17th	298·9	298·8	+ 0·2	100	+24
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1017·5	+ 2·2	299·6	301·3	23rd,31st	292·1	287·4	28th	295·9	295·7	0·0	15	-64
1004	Lima	12 5	77 3	111	1001·9	1015·1	..	291·3	293·0	7th	286·7	286·0	sev.dates	289·0	288·5	..	14	..
1005	Arica	18 28	70 20	5	..	..	..	290·4	..	..	286·3	281·8	30th	288·3	288·3	- 0·1	0	0
1006	La Paz, Bolivia	16 30	68 8	3658	658·2	..	- 0·4	291·2	293·6	9th	274·2	273·2	7th	282·7	281·3	+ 1·6	0	- 9
1007	Corumba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1008	Ouyaba	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1009	Bello Horizonte	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1010	Ondina (Bahia)	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1011	Aracaju	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1012	∮St. Helena	10 55/	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1013	Mossamedes	15 57	W. 5 40	579	949·2	1016·7	- 0·4	288·8	291·9	2nd	285·6	284·7	8,17,25	287·2	287·3	- 0·1	122	+18
1014	Livingstone	15 12	E. 12 9	12·5	1015·6	1017·1	..	..	294·8	6th	..	282·8	7th	..	..	..	0	0
1015	∮Kilimathville	17 51	25 51	972	909·5	1017·7	..	300·6	305·2	23rd	281·1	275·2	8th	290·8	..	+ 1·8	0	0
1016	Gwelo	19 26	29 45	1411	865·5	1020·2	..	295·1	300·8	23rd	279·9	275·2	31st	287·5	..	+ 1·4	3	+ 2
1017	∮Salisbury (Dept. Agric.)	17 48	31 5	1489	856·5	1019·1	- 1·6	294·7	298·7	23rd	281·1	277·3	31st	287·9	287·3	+ 1·3	0	- 1
1018	Lomba	15 23	35 18	955	909·9	1015·5	- 2·8	295·3	300·2	23rd	285·3	281·3	16th	290·3	289·6	+ 0·6	9	0
1019	Rosemaril	14 57	40 40	15	..	1017·6	..	300·4	303·2	23rd	290·7	288·0	7th	295·5	295·6	..	4	..
1020	Antananarivo	18 55	47 33	1375	867·2	1017·7	- 1·6	295·6	298·4	25th	283·9	280·8	4th	289·7	288·1	+ 1·8	5	- 1
1021	Cocos, Keeling Is.	12 5	96 53	4·6	1011·6	1012·2	- 0·5	301·1	303·0	13th	297·6	295·8	4th	299·3	299·0	+ 0·3	95	-156
1022	∮Christmas Island	10 25	105 43	5·5	1009·4	1010·1	+ 0·4	302·8	303·6	sev.dates	296·8	295·2	19th	299·8	299·3	+ 0·4	48	-52
1023	Kupang	10 10	123 34	45·1	..	1012·2	+ 0·3	306·1	308·0	20th	293·8	290·1	11th	299·9	299·1	+ 0·9	0	- 5
1024	Derby	17 18	123 40	16·2	1013·6	1015·3	- 0·2	303·3	306·2	5th	288·9	283·1	17th	296·1	..	+ 1·2	0	- 4
1025	Hall's Creek	18 13	127 46	373	974·8	1017·0	+ 0·1	301·4	305·2	4th	283·9	278·0	13th	292·7	292·0	+ 1·8	0	- 5
1026	Darwin	12 28	130 51	29·6	1009·8	1013·2	+ 0·6	304·6	307·1	9th	293·1	289·4	16th	298·9	297·7	+ 0·7	0	- 1
1027	Daly Waters	16 16	133 23	211	990·9	1014·9	0·0	303·4	308·0	20th	285·4	280·2	9th	294·4	293·7	+ 1·0	0	- 1
1028	Palmerville	15 56	144 8	210	989·8	1013·5	+ 0·1	304·3	306·4	21st	285·7	278·7	6th	295·0	..	+ 0·1	0	- 5
1029	Georgetown, Queensland	18 22	143 32	302	981·6	1015·9	+ 0·1	302·3	305·2	24th	284·6	277·4	7th	293·4	..	+ 0·7	0	- 7
1030	Willis Island	16 18	149 59	8·5	1013·4	1014·4	- 0·2	299·7	300·8	11th	295·1	293·4	9th	297·4	297·4	+ 0·9	26	-10
1031	Samarai	10 37	150 40	6·1	..	1012·9	+ 1·1	..	..	..	..	..	..	296·5	..	..	..	..
1032	Suva, Fiji	18 8	178 26	6·1	1014·2	1014·9	+ 1·0	299·8	301·9	9,23,24	294·6	291·3	28th	297·2	297·0	+ 0·8	208	- 7
		S.	E.													+ 1·2	221	+96

BETWEEN LATITUDE 20° S. AND 30° S.

JULY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1201	Nukualofa, Tonga	21 8	175 12	3·0	1018·0	1018·4	..	298·3	301·3	24th	290·0	285·8	21st,29th	294·2	..	..	64	..
1202	Nerotonga (Avarua)	21 12	159 46	6·1	..	..	..	298·2	300·8	26th,27th	290·0	284·7	2nd	294·1	293·9	- 0·4	20	-98
1203	Punto Tortuga, Coquimbo	29 55	71 22	25	1015·2	1018·0	+ 0·3	288·1	291·8	10th	281·8	278·8	27th	284·9	284·8	- 0·3	19	- 9
1204	Antofagasta	23 42	70 24	94	1004·3	1015·6	- 2·3	290·1	291·5	17th	282·1	279·5	27th	286·1	285·8	- 0·9	0	- 6
1205	Catamarca	28 29	65 47	528	955·0	1016·8	+ 0·4	291·5	301·0	22nd	277·6	273·0	4,5,6	284·6	285·0	+ 0·1	0	- 4
1206	Salta	24 46	65 24	1173	883·3	1014·9	- 0·7	293·6	305·5	9th	275·9	267·3	6th	284·8	284·2	- 0·5	0	- 1
1207	Goya	29 9	59 15	37	1013·7	1018·2	+ 1·2	294·0	302·5	19th	281·8	273·0	30th,31st	287·9	287·1	0·0	8	-36
1208	Asuncion	25 17	57 41	139	1003·0	1019·4	+ 2·7	296·3	304·2	23rd	287·1	275·2	31st	291·7	291·1	0·0	12	-48
1209	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1210	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1211	∮Gladhoek	22 34	E. 17 6	1727	831·7	1019·7	..	291·6	295·6	31st	277·2	270·4	6th	284·4	283·5	- 1·5	..	..
1212	∮Worcester	29 36	17 52	933	913·6	1021·3	- 1·8	288·5	296·1	29th	277·5	272·6	18th	283·0	282·2	- 1·6	9	-11
1213	Kimberley	28 44	24 46	1218	884·2	1022·6	- 2·1	289·4	297·4	31st	275·8	272·1	25th	282·6	282·1	- 0·5	14	+ 7
1214	Johannesburg	26 11	28 4	1806	825·2	1022·7	- 2·9	286·8	291·6	21st	277·3	271·6	6th	282·1	281·6	- 1·1	50	+42
1215	Bulawayo	20 9	28 35	1349	870·1	1018·9	- 2·8	295·6	301·6	23rd	279·5	274·4	3rd	287·6	286·7	+ 0·8	0	- 1
1216	Durban	29 52	31 3	15·2	1020·1	1021·9	- 2·0	293·7	298·0	2nd	285·9	283·0	1st	289·8	289·3	- 0·5	191	+160
1217	Lourenço Marques	25 58	32 36	59·5	..	1021·1	- 1·7	295·9	299·7	2nd	286·4	282·8	29th	291·1	290·7	- 0·4	18	+ 4
1218	Mauritius	20 6	57 33	55·2	1012·5	1019·0	- 1·5	297·5	298·8	14th	290·5	285·6	18th	294·0	293·5	+ 0·6	47	-11
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

JULY - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1015·7	1016·2	- 0·2	296·6	299·7	29th	285·4	282·8	19th	291·0	..	+ 0·1	35	+24
1160	Cue	27 27	117 52	454	965·6	1018·6	- 0·5	289·9	294·1	14th	282·1	274·2	29th	286·0	..	+ 0·4	16	+ 8
1161	Nullagine	21 53	120 5	386	..	..	..	297·0	301·9	7th	281·3	276·1	14th	289·2	..	+ 0·9	7	+2
1162	Laverton	28 40	122 23	466	965·4	1019·9	- 0·6	288·9	294·1	20th	278·9	272·0	28th	283·9	283·8	- 0·5	27	+ 1
1163	Alice Springs	23 38	133 37	587	951·7	1019·2	+ 0·1	293·4	301·9	24th	278·1	271·9	14th,16th	285·7	285·6	+ 1·2	1	- 1
1164	William Creek	28 55	136 21	76·2	1011·8	1021·0	+ 0·4	290·2	298·0	26th	277·9	273·7	31st	284·1	283·8	- 0·3	0	- 1
1164a	Boulia	22 55	139 38	146	1000·7	1017·9	+ 0·4	296·6	306·2	25th	280·1	274·8	7th	288·3	288·0	+ 0·1	14	+ 1
1165	Thargomindah	27 58	143 43	123	1004·4	1019·2	- 0·2	290·2	300·8	25th	279·4	274·7	17th	284·8	284·5	- 0·4	27	+ 1
1166	Mitchell	26 32	147 52	336	980·1	1020·1	+ 0·9	291·7	301·2	26th	275·8	269·7	17th	283·8	..	- 0·1		-26
1167	Rockhampton	23 24	150 30	11·3	1016·7	1017·9	- 0·2	297·3	302·1	26th	283·5	278·2	9th	290·4	289·4	+ 0·5	11	-21
1168	Brisbane	27 28	153 2	41·8	1013·5	1018·0	- 0·3	293·6	300·4	28th	283·2	278·4	17th	288·4	287·9	+ 0·7	45	-38
1170	Norfolk Island	29 4	167 59	14·9	1017·3	1019·2	+ 2·1	292·2	294·4	8th	288·0	282·8	17th	290·1	289·7	+ 0·8	96	

JULY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	◊Juan Fernandez	33 37	78 52	6	1017·7	1018·4	- 0·2	287·9	290·7	8th,9th	283·3	279·5	29th	285·6	285·4	- 0·3	342	+58
1221a	Punta Tumbes	36 37	73 6	120	1002·4	1017·1	+ 0·1	284·5	286·4	12th	279·9	275·2	28th	282·2	282·0	- 1·0	119	+45
1222	◊Punta Angeles, Valparaiso	33 1	71 38	41	1013·9	1018·9	+ 1·1	288·3	291·4	10th	280·7	277·3	26th	284·5	284·0	- 0·3	101	+ 1
1222a	Santiago	33 27	70 42	520	957·9	1020·0	+ 1·5	285·2	294·6	30th	276·5	271·0	5th	280·9	280·0	- 1·1	3	-76
1223	Cordoba	31 25	64 12	423	967·4	1017·8	+ 0·8	290·0	301·1	19th	275·3	268·5	4th	282·6	282·3	- 0·9	79	
1224	Bahia Blanca	38 45	62 16	28·7	1013·8	1017·3	+ 0·8	286·6	294·0	13th	275·7	270·2	27th	281·2	280·8	- 0·3		
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1016·6	1019·7	+ 1·0	287·1	297·6	15th	276·5	270·2	28th	281·2	282·0	- 0·4	23	-54
1226	Montevideo (Prado)	34 52	56 12	24·9	1017·5	1020·9	+ 3·0	287·1	297·8	17th	277·7	269·7	31st	282·4	282·3	- 1·0	32	-78
1226a	Porto Alegre	30 2	W. 51 13	23·5	1017·3	1020·1	+ 0·3	291·6	301·8	18th,20th	283·1	276·1	29th	287·3	287·1	+ 0·6	110	
1239	Cape Town	33 56	E. 18 29	12·2	1021·3	1022·8	+ 1·7	290·1	300·0	29th	281·7	273·6	19th	285·9	284·6	+ 0·3	39	-51
1240	◊Danger Point	34 37	19 18	27·7	..	..	..	288·1	294·7	29th	282·1	277·4	19th	285·1	..	- 1·0	79	
1240a	Klaver	31 47	18 37	41·8	1018·5	1023·6	- 0·5	291·5	303·1	29th	280·2	276·9	5th	285·9	..	- 1·3	29	
1241	◊Riversdale	34 6	21 16	105	1012·5	1025·3	..	291·3	300·2	1st	276·7	270·8	1st	284·0	..	- 0·9	74	+38
1242	East London	33 1	27 54	45·4	1016·9	1022·4	+ 1·4	291·9	302·4	1st	283·0	279·6	12th	287·5	..	- 0·6	233	
1259	Perth (Observatory)	31 57	115 51	60·0	1010·1	1017·1	- 1·8	289·9	293·6	3rd	283·1	277·1	29th	286·5	286·6	+ 0·6	201	+70
1260	Katanning	33 42	117 35	310	979·6	1016·7	- 1·1	287·2	290·2	3rd,4th	280·0	274·1	27th	283·6	..	+ 0·8	70	
1261	Coolgardie	30 57	121 10	423	969·7	1019·4	- 0·2	288·7	293·6	4th	279·3	273·0	27th	284·0	283·9	+ 0·3	22	
1262	Eucla	31 45	128 58	4·6	1017·9	1018·6	- 0·9	290·2	297·4	20th	279·7	274·7	27th,29th	284·9	284·7	- 0·6	14	
1263	Streaky Bay	32 48	134 13	13·1	1018·5	1020·0	+ 0·1	287·7	291·6	20th	281·1	275·2	6th	284·4	284·2	- 0·4	67	
1264	◊Adelaide	34 56	138 35	42·7	1014·0	1019·1	- 1·0	287·4	291·8	26th	280·2	276·1	6th	283·8	283·7	- 0·3	95	+38
1265	Melbourne	37 49	144 58	35·1	1012·7	1016·9	- 2·0	286·2	290·8	25th	278·9	274·4	5th	282·6	282·4	+ 0·3	53	
1266	Bourke	30 13	145 58	110	1008·9	1022·3	+ 0·9	289·8	298·6	25th	278·5	274·9	17th	284·1	..	- 0·1	5	
1267	Sydney	33 51	151 13	42·1	1010·9	1015·9	- 2·3	290·5	298·0	26th	280·5	276·3	15th	285·5	284·6	+ 0·9	324	+99
1268	Lord Howe Island	31 20	159 0	4·9	1015·0	1015·5	- 1·4	292·8	296·7	27th	286·8	279·0	16th	289·8	..	+ 0·3	139	-47
1271	Auckland	36 51	174 48	40·8	..	1012·6	- 1·9	286·9	290·8	9th	282·5	278·8	1,21,22	284·7	..	+ 0·8	180	+38
1272	Napier	39 29	176 55	1·5	..	..	..	286·0	291·9	8th	277·6	272·4	4th	281·8	..	- 0·0	102	

JULY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	◊Chatham Island	43 52	176 42	45·7	..	1007·6	- 1·4	..	..	..	..	..	..	..	..	..	114	+61
1321	Isla Guafo	43 34	74 45	140	994·9	1011·9	- 2·3	281·3	283·6	18th	278·3	275·0	1st	279·8	279·9	- 0·5	97	
1322	Punta Galera	40 1	73 44	40	1009·6	1014·5	- 1·0	283·7	286·5	16th	279·3	273·0	29th	281·5	281·4	0·0	286	+ 4
1323	Saraiento	45 33	69 1	272	978·5	1011·9	- 1·3	280·9	287·0	31st	271·5	264·4	29th	276·2	276·0	0·0	48	
1324	Puerto Madryn	42 46	W. 65 2	14	1012·5	1014·2	+ 0·2	284·2	290·4	6th	274·7	269·4	29th	279·4	279·9	- 0·2		
1365	Launceston	41 27	E.147 10	81·1	1002·7	1012·5	- 1·7	284·5	289·4	18th	275·8	269·7	14th	280·1	279·7	+ 0·2	120	+67
1366	Hobart	42 53	147 20	53·9	1003·6	1010·2	- 3·3	283·4	289·1	24th	277·5	272·1	10th	280·4	280·0	- 0·3		
1369	Invercargill	46 25	168 21	3·7	..	..	..	281·9	286·9	4th	273·8	266·3	10th	277·9	..	- 0·5	161	+20
1370	Alexandra	45 15	169 24	159	..	..	..	280·9	287·4	4th	270·7	264·4	12th	275·8	..	- 0·1	49	
1371	Dunedin	45 52	170 31	6·1	..	1005·9	- 8·1	282·6	287·3	4th	274·9	271·9	10th	278·7	..	- 0·9	53	
1371a	Christchurch	43 32	172 39	7·6	..	1007·6	- 5·2	282·6	287·6	18th	273·4	268·7	20th	278·0	..	- 0·7	137	
1372	Wellington	41 16	174 46	128	..	1009·2	- 4·1	283·8	288·0	17th	278·6	274·1	21st	281·2	281·1			

JULY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	996·2	1003·0	+ 0·3	279·3	283·0	13th	275·0	271·0	20th	277·1	277·2	+ 0·2	218	
1422	Magallanes	53 10	70 54	28	998·9	1002·4	- 0·9	277·3	280·0	27th	272·3	270·2	24th	274·8	274·8	+ 0·3	19	
1423	Punta Dungeness	52 24	68 26	5	1000·9	1001·5	- 1·6	278·4	283·4	31st	273·2	268·0	26th	275·8	275·8	+ 0·1	6	
1424	Santa Cruz	50 11	68 31	13	1004·5	1006·1	- 0·7	279·9	285·2	31st	271·1	266·6	11th	274·5	274·4	- 0·3	8	
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·9	- 0·5	277·5	280·2	5th	271·2	265·2	25th	274·3	..	- 0·7	44	
1426	Cape Pembroke	51 41	57 42	21·3	999·5	1002·1	- 0·9	278·3	281·3	5th,20th	272·9	269·7	24th,25th	275·6	275·9	+ 0·3	..	
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	999·6	1000·1	+ 2·3	276·9	284·3	15th,31st	271·0	265·1	30th	273·9	273·5	+ 2·3	162	
		S.	W.															

JULY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43	44 47	7	989·7	990·6	- 3·9	270·9	279·0	18th	262·1	248·8	27th	266·5	266·6	+ 4·3	59	
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, AUGUST 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF AUGUST, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

AUGUST - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1010·7	1011·4	..	..	279·3	..	..	270·4	..	..	274·2	..	31	..

BETWEEN LATITUDE 80° N. AND 70° N.

AUGUST - ZONE 1.

201	Wrangell Island	N. 70 58	W. 178 33	6·9	1010·8	1011·7	..	276·7	281·4	26th	272·8	270·6	29th	274·7	274·3	..	8	..
204	Barrow	71 23	156 17	4·6	..	1016·2	+ 4·4	278·7	288·6	6th	272·4	269·1	19th	275·6	..	- 1·4	8	-13
221	Pond Inlet	72 43	78 30	4·0	..	1009·3	..	?281·5	?285·2	15th	?276·9	?274·1	1st	?279·2	?279·2	..	24	..
222	Upernivik	72 47	56 7	19·2	1009·5	1011·8	+ 0·6	283·8	288·9	17th	277·7	274·6	11th	280·7	280·9	+ 3·0	45	+17
223	Myggbukta	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Scoresbysund	70 29	21 58	16·9	?1009·5	?1011·5	..	?284·2	..	..	?276·1	..	..	..	..	..	..	..
230	Jan Mayen	70 59	W. 8 18	23·1	1007·8	1010·6	- 1·2	..	283·2	6th	276·3	274·2	20th	..	278·2	- 0·5	24	- 2
231	Svalbard Radio (Spitsbergen)	78 13	E. 15 38	53·0	1001·3	1007·8	- 4·4	..	284·0	2nd	277·3	273·7	20th	..	278·5	..	19	..
232	Bjørnöen	74 28	19 17	29·2	1003·8	1007·4	- 4·0	..	283·4	1st	276·5	273·3	20th	..	278·4	+ 0·6	39	+12
233	Klågy	71 4	24 6	4·3	1008·3	1008·8	- 2·1	..	290·2	25th	280·4	278·4	8th	..	282·2	- 0·8	93	+47
234	Slåtnes	71 5	28 14	10·2	1008·2	1009·4	- 1·1	..	289·0	25th	280·3	278·0	31st	..	282·1	..	68	..
235	◊Vardö	70 22	31 5	12·1	1008·0	1009·5	- 2·1	..	290·7	25th	280·6	276·6	30th	..	282·6	+ 0·6	44	- 8
236	Malye Karmakouly	72 23	52 44	15·3	1010·6	1012·4	+ 0·4	..	296·0	..	..	274·3	..	..	281·7	+ 2·7	16	-22
237	Belgatch	70 24	58 48	11·2	1011·8	1013·1	+ 1·5	..	..	..	279·2	273·8	..	..	281·7	+ 3·3	44	+10
240	Cape of Desire (Zhelanya)	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
242	Bouloune	73 30	80 23	13·0	1010·0	1011·6	+ 2·0	281·2	291·5	..	275·6	271·7	..	278·4	278·3	+ 0·3	21	-16
		70 45	127 47	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

AUGUST - ZONE 2.

205	Pnobrajenye	N. 64 52	W. 175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
206	Egvekinot	63 43	170 20	5·5	..	..	..	283·0	287·4	10th	277·9	274·7	13th,31st	280·4	..	..	61	..
207	Bethel	64 30	165 24	6·7	1010·8	1011·5	+ 3·0	285·7	291·9	25th	278·8	273·6	19th	282·2	283·0	- 0·7	119	+39
208	Teller	65 45	161 47	11·6	..	1013·2	+ 2·6	289·6	294·1	2,24,27	281·9	275·8	16th,31st	285·8	..	+ 1·3	89	-17
209	Nome	65 10	152 6	69·5	1004·4	1012·2	+ 1·4	290·6	293·6	17th,23rd	277·4	269·1	27th	284·0	284·2	- 1·0	86	+32
210	Unalakleet	65 30	150 15	114	..	..	..	291·2	295·8	22nd,23rd	275·8	268·6	26th,27th	283·4	..	- 2·7	13	-24
211	Valdez	61 7	146 16	122	..	..	..	289·6	296·3	12th	280·7	277·4	19,23,28	285·1	..	..	87	..
212	Eagle	64 46	141 12	250	980·7	1011·2	+ 0·4	291·7	297·4	1st	277·0	267·4	27th	284·3	284·1	- 0·5	64	+13
213	Dawson	64 4	139 29	324	973·8	1012·3	..	290·8	295·8	6th	277·8	269·7	20th,25th	284·3	284·3	- 1·1	45	+ 9
214	Aklavik	68 14	134 50	7·6	1010·1	1011·0	..	286·0	296·3	6th	276·8	271·3	28th	281·4	281·2	..	47	..
215	Fort Good Hope	66 15	128 38	65·2	1007·4	1015·3	..	290·4	300·8	17th	278·3	270·8	27th	284·3	285·5	- 0·3	46	+21
216	Fort Simpson	61 52	121 15	126	996·1	1011·1	..	294·6	304·7	18th	281·9	273·6	22nd	288·3	288·3	+ 1·5	54	+17
217	Hay River	60 51	115 57	161	992·4	1011·5	..	293·2	306·3	1st	282·5	273·6	28th	287·9	287·9	+ 1·1	44	0
218	Goggerine	67 49	115 10	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
219	Chesterfield	63 45	91 50	4·0	1010·3	1010·8	..	286·9	295·8	3rd,21st	279·3	274·7	28th	283·1	282·5	+ 1·7	10	..
220	Nottingham Island	63 7	77 56	16·5	1007·1	1009·1	..	283·6	289·1	3rd,14th	277·4	273·0	19th	280·5	280·5	..	..	..
221	Hope's Advance	61 5	69 33	73·2	1000·3	1009·3	..	283·7	293·6	22nd	277·6	275·2	1,6,23	280·7	280·6	..	22	..
222	Resolution Island	61 18	64 53	38·7	1007·0	1011·8	..	280·7	286·9	3rd	275·6	271·3	22nd	278·1	277·9	..	23	..
223	Ikkattuarbik	69 13	51 2	31·6	1006·2	1010·1	- 0·3	284·3	290·0	17th	278·9	276·2	25th	281·6	281·9	+ 2·3	62	+26
224	Godthaab	64 10	51 43	20	..	..	..	286·2	290·6	10th	276·6	274·3	18th	281·4	281·5	+ 2·3	35	-44
225	Ivigtut	61 12	48 10	30·0	1008·3	1012·0	+ 2·2	287·0	290·0	6th,8th	279·1	276·0	18th	283·1	282·5	+ 1·0	158	+62
226	Angmagsalik	65 36	37 33	29·3	1009·1	1012·7	+ 0·5	285·5	292·9	15th	276·7	270·9	26th	281·1	280·4	+ 1·5	90	+32
227	Stykkisholm	65 5	22 46	25	..	1013·2	+ 3·4	289·1	294·2	12th	281·6	277·5	29th	285·3	284·6	+ 2·4	18	-23
228	Westmanno	63 24	20 17	122	..	1015·1	+ 6·1	285·6	288·1	14th	281·9	279·4	29th	283·7	283·7	+ 1·2	47	-31
229	Grimsey	66 33	18 1	22	..	1013·2	+ 2·5	285·4	291·3	2nd	..	..	..	..	282·2	+ 2·4	28	- 4
230	Akureyri	65 41	18 5	7	..	1013·1	+ 2·4	..	..	..	..	..	..	..	285·0	+ 1·9	7	..
231	Thorshöfn	64 41	14 22	18	..	1013·9	+ 4·4	289·3	294·4	2nd	280·0	275·8	21st,29th	284·7	283·6	+ 2·2	7	-73
232	Seydisfjördur	62 3	6 45	22·9	1012·3	1015·1	+ 5·2	286·3	292·6	5th	281·1	276·1	9th	283·7	283·5	+ 0·2	32	-60
233	Berufjördur	64 8	W. 1 11	18·0	..	1014·2	+ 4·4	286·9	290·8	29th	282·8	280·2	10th	284·8	284·7	+ 0·2	5	-71
234	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1005·5	1010·8	+ 0·8	290·9	298·7	5th	283·5	279·9	25th	287·2	286·6	0·0	31	-128
235	Aalesund	62 28	6 10	6·3	1011·6	1012·4	+ 2·0	..	289·3	4th	282·7	279·4	25th	..	284·7	- 1·1	41	-71
236	Trondheim	63 26	10 25	59·2	1004·2	1011·3	+ 1·9	288·6	295·0	6th	281·9	277·0	31st	285·3	284·9	- 1·1	105	+29
237	Bodö	67 17	14 26	17·0	1007·9	1009·9	0·0	..	292·2	16th	281·6	275·3	9th	..	283·7	- 1·4	85	+ 8
238	Haparanda	65 50	24 9	9·2	1006·7	1007·8	- 2·4	290·7	297·5	4th	283·1	274·0	31st	286·9	286·6	+ 0·8	163	+109
239	Wallingfors	60 10	24 57	11·7	1007·8	1009·2	- 1·0	293·0	300·2	4th	286·2	278·5	31st	289·6	289·6	+ 1·3	49	-25
240	Haapilo	62 55	27 40	233	981·6	1009·1	- 1·1	291·1	296·6	1st	284·2	277·5	31st	287·7	287·3	+ 0·5	57	-16
241	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
242	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
243	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Ostrov Feylma	65225	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Tolvardyn	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

AUGUST - ZONE 2.cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1011·4	1013·0	+ 2·4	286·9	297·6	..	279·6	273·1	..	283·3	283·6	+ 4·2	38	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Fort	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhensk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholensk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

AUGUST - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1013·5	+ 3·8	284·8	286·9	27th	280·8	278·6	1st	282·8	..	+ 1·7	54	..
303	‡Dutch Harbor	53 55	166 30	4·0	1014·5	1014·9	+ 3·5	290·8	295·8	10th	282·5	279·1	8th	286·7	285·9	+ 2·5	56	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	70	..
306	Kodisk	57 48	152 22	4·6	1012·8	1013·5	+ 2·3	290·7	294·7	28th	276·1	271·9	19th	283·4	..	- 2·2	88	..
								291·4	297·4	12th	283·4	280·8	29th	287·4	287·1	+ 1·9		
309	Sitka	57 3	135 19	19·8	..	..	..	290·6	296·3	10th	284·3	281·3	5th,21st	287·5	..	+ 1·4	204	..
310	‡Prince Rupert	54 18	130 18	51·8	1012·4	1018·6	+ 1·3	290·4	294·1	16th	284·2	281·9	17th,20th	287·3	287·5	+ 0·2	143	..
311	Prince George	53 50	122 48	570	949·0	1014·8	..	296·4	305·2	9th	279·4	273·0	7th	287·9	287·7	- 0·1	27	..
312	‡Kamloops	50 41	120 20	385	971·4	1015·6	- 0·4	300·6	308·6	1st	286·3	281·9	4th	293·4	293·6	+ 0·4	16	..
313	Calgary	51 2	114 2	**1079	891·5	1010·7	- 1·0	297·3	305·2	19th	281·2	276·3	9th	289·3	289·3	+ 1·1	12	..
314	Fort Smith	60 0	111 52	207	987·1	1011·2	..	295·1	304·7	1st	279·6	269·1	28th	287·3	287·5	+ 0·9	18	..
315	Prince Albert	53 10	105 45	436	962·3	1012·8	+ 0·1	297·1	306·3	20th	284·0	277·4	29th	290·5	289·9	+ 2·2	34	..
316	Qu'Appelle	50 31	103 56	654	939·0	1013·0	+ 0·4	297·6	306·3	16th	283·7	274·7	10th	290·6	290·2	+ 2·2	62	..
317	Minnedosa	50 15	99 50	515	954·1	1013·1	+ 0·4	297·7	309·7	21st	283·2	275·2	24th,29th	290·5	290·1	+ 1·2	73	..
318	Berens River	52 18	97 2	219	..	..	..	295·5	305·2	5th	284·9	272·4	30th	290·2	..	+ 0·2	144	..
319	Pagwa	50 3	85 18	189	..	..	..	298·1	303·0	7,12,22	276·2	271·9	30th	287·2	..	- 1·4	92	..
320	Moose Factory	51 14	80 30	9·1	1011·4	1012·5	..	295·1	303·6	1st	281·4	277·4	8,19,25	288·2	288·7	+ 0·4	34	..
321	Fort George	53 50	79 5	97·5	..	..	..	290·0	300·2	28th	282·1	275·2	25th	286·1	..	+ 1·7	58	..
322	Mistassini Post	50 30	73 55	383	..	..	..	293·2	299·1	13th	281·7	274·7	26th	287·5	..	+ 0·8	92	..
323	Fort Chimo	58 10	68 10	15·2	1010·5	1012·3	..	294·0	302·4	14th	281·0	273·0	11th,26th	287·5	287·0	+ 2·3	123	..
324	Nateshkwan	50 14	61 48	6·1	..	..	..	292·2	296·9	25th	282·7	278·0	1st	287·4	..	+ 0·9		
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 23	††17 28	§(43)	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1011·1	1012·8	- 1·4	290·4	297·5	5th	286·1+0·6	..	..	..	286·0	..	92	..
335	Aberdeen	57 10	W. 2 6	26·0	1011·1	1014·3	+ 3·0	287·2	291·3	6th	285·5	279·1	25th	287·9	288·0	- 0·1	47	..
336	Greenwich	51 29	0 0	46·3	..	1012·3	- 2·7	293·3	299·1	4th,5th	282·2	278·6	24th	284·7	284·8	- 1·4	159	..
											284·3	278·6	23rd,27th	288·8	288·2	- 1·0		
337	Uccle	50 48	E. 4 22	100	1000·4	1012·3	- 3·3	293·9	302·3	5th	284·9	277·8	24th	289·4	288·1	- 0·8	73	..
338	De Bilt	52 6	5 11	3·0	1011·3	1011·7	- 3·3	293·6	302·7	6th	284·7	278·1	24th	289·1	288·8	- 0·9	104	..
338a	Hamburg	53 33	9 58	40·3	1006·2	1011·0	- 2·8	293·6	304·4	5th	285·3	280·2	24th	289·5	288·9	- 0·5	78	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1009·6	1010·2	- 2·7	293·1	299·8	6th	284·4	281·0	11th,27th	288·7	288·9	+ 0·9	66	..
340	Potsdam	52 23	13 4	84·9	1001·4	1011·5	- 3·2	294·6	305·4	5th	285·6	280·1	27th	290·1	289·6	+ 0·1	101	..
340a	Uppsala	59 51	17 38	24	1005·8	1008·7	- 1·8	293·2	304·2	4th	282·0	276·2	31st	287·6	287·7	+ 0·0	202	..
341	Warsaw	52 13	21 3	88·3	1000·2	1010·6	- 4·4	294·7	303·4	6th	286·6	280·3	13th	290·7	290·4	+ 0·2	35	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	999·7	1009·3	- 2·2	294·1	302·1	2nd	284·7	277·1	31st	289·4	289·1	+ 0·9		
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	997·0	1006·5	- 5·0	296·9	303·6	12th	287·1	281·4	8th	292·0	291·5	+ 1·1	103	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Enisseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlosk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		°N.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
**Height changed from 1058m. to 1079m. from August 1st.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

AUGUST - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
422	Victoria, B.C.	48 24	123 19	70·1	1009·7	1018·1	+ 1·5	292·9	301·9	9th	284·2	282·4	3rd	288·6	288·1	+ 0·2	5	-11
423	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	+ 1·1	300·3	308·6	28th	287·1	284·1	4th	293·7	293·2	+ 1·6	1	-15
424	♯Macleod	49 44	113 24	953	..	..	..	301·2	308·6	20th,21st	283·3	276·9	8th	292·3	292·6	+ 2·1	9	-33
425	Helena	46 34	112 4	1257	875·7	1014·5	+ 0·8	302·1	308·0	11th	285·8	279·7	28th	293·9	293·8	+ 1·6	2	-16
426	Salt Lake City	40 46	111 54	1329	869·3	1013·9	+ 1·9	304·4	309·7	23rd	291·2	285·8	27th	297·8	298·7	+ 0·7	27	+ 6
427	Cheyenne	41 8	104 48	1856	818·1	1015·9	+ 1·5	299·6	305·2	13th	284·9	278·6	28th	292·2	292·1	+ 0·3	69	+31
428	North Platte	41 8	100 45	860	918·4	1015·6	+ 0·8	303·6	309·7	14th	288·8	279·7	29th	296·2	296·3	+ 0·8	15	-45
429	Bismarck	46 47	100 48	510	956·0	1015·6	+ 1·1	299·2	310·2	4th	280·3	280·2	30th	292·7	293·0	- 0·1	40	- 9
430	Winnipeg	49 53	97 7	232	986·6	1013·6	..	298·7	310·8	21st	286·1	275·2	30th	292·4	292·3	+ 1·7	51	- 4
431	Duluth	46 47	92 6	345	975·3	1015·9	+ 1·0	295·8	306·3	5th	285·7	276·9	30th	290·7	290·4	+ 0·6	110	+28
432	Fort Arthur	48 27	89 12	196	992·2	1015·2	+ 0·6	296·4	307·4	5th	284·9	276·3	31st	290·7	290·3	+ 2·5	39	-33
433	Chicago	41 47	87 35	205	991·2	1017·3	+ 1·4	300·0	306·9	8th	291·7	285·8	29th	295·9	295·6	+ 0·2	144	+67
434	Toronto	43 40	79 24	116	1003·0	1016·6	+ 1·0	299·2	306·3	6th	289·2	281·3	31st	294·2	293·7	+ 1·6	53	-18
435	New York (Central Park)	40 47	73 58	47·4	1011·0	1016·5	0·0	301·3	310·2	7th	292·7	289·1	22,23,25	297·0	296·7	+ 0·8	82	-29
436	St. John, N.B.	45 17	66 4	36·3	1011·7	1016·0	..	295·3	299·1	17th	286·1	282·4	27th	290·7	290·3	+ 1·4	103	+ 5
437	S.W. Point, Anticosti	49 24	63 33	9·1	1013·4	1014·5	..	289·3	293·6	12th	283·9	279·7	11th	286·6	286·7	+ 0·1	40	-48
438	Sable Island (Main Station)	43 57	60 6	7·6	1015·6	1016·5	..	293·8	296·9	30th	289·1	286·3	1,2,24	291·4	291·2	+ 1·3	75	-10
439	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
440	Madrid																	
441	Nantes	40 24	3 41	667	939·2	1013·7	- 0·6	303·3	307·3	18th	288·1	284·1	16th	295·7	295·0	- 0·9	9	+ 2
442	Paris (Parc St. Maur)	45 15	W. 1 34	36·5	1008·1	1012·4	- 4·8	293·9	298·9	5th	286·7	280·7	10th	290·3	289·8	- 0·7	165	+118
443	Marseille	48 49	E. 2 30	50·3	1007·0	1013·0	- 3·6	294·4	301·4	5th	286·0	280·4	26th	290·2	289·7	- 1·0	115	+65
444	Zürich	43 18	5 23	75	..	1013·3	- 2·1	299·7	304·8	5th	289·2	284·2	27th	294·5	293·8	- 0·6	37	+16
445	Rome	47 23	8 33	493	957·3	1014·2	- 3·0	294·5	303·3	5th	285·1	280·1	28th	289·8	288·9	- 1·5	166	+37
446	Vienna	41 54	12 29	45·5	1008·3	1013·6	- 1·4	304·2	311·1	6th	292·3	287·3	30th	298·2	298·2	+ 1·1	5	-21
447	Budapest	48 15	16 22	203	989·2	1012·9	- 2·5	294·6	302·5	6th	287·2	283·1	13th	290·9	290·6	- 1·9	97	+28
448	Sofia	47 31	19 1	130	997·2	1012·4	- 2·7	299·5	308·1	7th	288·4	283·5	13th	293·9	293·2	- 0·5	89	+40
449	Bucharest	42 42	23 20	550	950·5	1012·5	- 2·2	300·5	306·6	21st	287·8	280·9	29th	294·1	294·4	+ 1·1	9	-45
450	Odessa (Observatory)	44 25	26 6	82	1002·5	1012·0	- 1·9	303·0	310·9	10th	289·4	281·9	29th	296·2	295·8	+ 0·6	54	+ 3
451	Novorossiisk	46 26	30 46	42·8	..	..	..	297·6	..	..	290·1	..	..	293·9	..	- 0·9	..	..
452	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
453	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
454	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
455	Kramovrodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456	Emailinsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
457	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
458	Adrijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
459	Alma Ata	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
460	Mouaden	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Joachin																	
462	Juki	41 46	123 24	44·3	1001·9	1006·9	+ 0·2	301·1	306·2	17th	292·5	285·3	24th	296·8	296·5	- 0·1	295	+144
463	Vladivostok	40 40	129 12	31·9	1005·4	1009·1	+ 0·8	298·8	303·4	14th	291·9	286·6	31st	295·3	294·9	- 0·2	270	+125
464	Ochiai	42 20	130 24	63·8	1001·4	1008·8	+ 0·6	297·2	303·7	10th	291·5	284·3	25th	294·3	294·2	- 0·2	165	-15
465	Meiseiro	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466	Syowa	47 20	142 47	27·4	1005·0	1008·2	- 1·7	296·0	302·6	19th	286·4	277·3	29th	291·2	290·9	+ 0·9	92	- 6
		43 20	145 35	26·7	1008·1	1011·3	- 0·2	295·0	300·6	20th	286·7	283·7	30th	290·9	290·3	+ 0·3	70	-40
		45 14	147 53	39·3	1006·2	1010·9	- 0·6	293·6	302·9	20th	285·7	278·5	30th	289·7	289·5	+ 0·7	137	+38
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

AUGUST - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
501	San Francisco	37 48	122 26	47·2	1008·4	1014·2	0·0	292·8	304·7	23rd	284·8	283·6	9th	288·8	288·0	+ 1·5	0	- 1
502	Sacramento	38 35	121 30	21·0	1009·1	1011·5	0·0	306·7	315·2	24th	286·7	283·0	9th	296·7	296·9	+ 1·0	0	0
503	San Diego																	
504	Modena	32 43	117 10	26·5	1010·1	1013·2	+ 0·7	298·8	304·1	28th	293·6	291·3	21st	296·2	295·8	+ 3·0	2	0
505	Santa Fé	37 48	113 54	1668	836·4	1012·8	+ 0·9	303·6	309·1	25th	286·6	281·9	28th	295·1	295·0	+ 1·8	12	-26
506	Denver	35 41	105 57	2138	792·7	1014·2	+ 1·4	299·3	303·6	26th	285·6	281·9	24th	292·4	292·6	0·0	53	- 8
507	Abilene	39 45	105 0	1613	841·5	1015·9	+ 1·4	302·1	308·0	12th	288·7	283·0	28th	295·4	294·9	+ 0·8	60	+24
508	Saint Louis	32 23	99 40	530	955·6	1015·2	+ 1·7	307·4	310·2	6th	294·5	288·6	11th	301·0	300·3	+ 0·4	8	-54
509	Mobile	38 38	90 12	173	996·6	1016·9	+ 1·2	303·2	310·8	8th	293·1	287·4	12th	298·1	297·7	- 0·1	88	0
510	Nashville																	
511	Charleston	30 41	88 2	17·4	1016·2	1018·3	+ 2·5	303·8	307·4	4th	295·1	290·8	12th	299·4	298·7	- 0·2	148	-31
512	Washington	36 10	86 47	166	998·6	1018·3	+ 1·7	302·8	308·6	1st	292·6	286·9	13th	297·7	297·5	- 0·6	100	+10
513	Bermuda	32 47	79 56	14·6	1016·2	1017·9	+ 1·3	303·4	305·8	4th	296·0	290·2	24th	299·7	299·7	0·0	125	-43
		38 54	77 3	34·1	1012·5	1016·2	+ 0·2	302·1	309·7	3rd	292·4	286·3	22nd	297·2	296·8	+ 0·7	150	+45
		32 17	64 46	38·1	1015·8	1020·2	..	305·2	308·0	18th	296·9	293·6	25th	301·1	300·6	+ 0·7	96	-42
		°N.,	°W.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

AUGUST - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean °	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1015·0	1020·5	- 2·6	299·0	302·5	2nd	293·2	289·9	26th	296·1	295·7	+ 0·8	125	+38
531	Horta	38 32	28 38	65	1012·6	1020·4	- 2·4	299·7	303·6	1st	292·3	290·0	26th	296·0	295·6	+ 0·3	31	--
532	Ponta Delgada	37 44	25 40	22	1018·1	1020·7	- 1·6	297·4	299·0	1st	292·6	290·9	29th	295·0	295·2	+ 0·3	72	+ 9
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	2	- 1
533	Madeira (Funchal)	32 38	16 55	25	1017·7	1020·6	+ 1·3	297·6	300·0	24th	292·4	290·6	14th	295·0	295·2	- 0·1	9	+ 1
535	Lisbon	38 43	9 9	95	1005·9	1017·1	+ 0·2	297·6	305·9	11th	289·8	288·0	9th	293·7	293·5	- 1·2	0	- 1
536	Gibraltar	36 6	5 21	27·4	..	1015·5	- 1·2	301·9	306·9	20th	291·9	289·1	22nd	296·9	295·7	- 0·5	..	..
536a	Colomb-Béchar	31 37	W. 2 13	769	..	..	..	..	..	..	..	..	..	..	..	..	..	..
537	Palma	39 34	E. 2 39	23	1011·6	1014·3	- 3·6	303·8	308·0	20th	292·9	289·0	12th	298·4	298·0	- 0·1	0	- 1
538	Algiers	36 46	3 13	59	1007·3	1014·1	- 1·3	302·6	308·0	15th	295·5	293·1	13th	299·1	298·5	+ 2·3	0	- 1
538a	Gadames	30 18	9 30	351	..	..	..	319·3	325·4	16th	296·5	293·0	1st	307·9	..	+ 1·6	0	- 1
539	Tunis	36 48	10 10	66	1006·1	1013·6	- 1·8	307·7	319·3	4th	294·9	289·4	28th	301·3	300·6	+ 0·9	0	- 1
540	Malta	35 54	14 31	71·2	..	1013·8	- 0·5	304·1	313·0	7th	296·2	292·4	28th	300·1	299·4	+ 1·8	2	+ 1
541	Athens	37 58	23 43	107	998·2	1010·3	- 1·6	307·4	313·1	10th	296·3	290·8	30th	301·9	301·4	+ 0·8	0	- 1
542	ǂAlexandria	31 12	29 53	32·0	1004·7	1008·3	- 1·8	304·1	305·0	28th	296·8	295·2	28th	300·5	300·0	..	..	..
543	Ankara	39 58	32 48	861	913·2	1006·9	- 3·8	304·2	308·7	24th	287·7	282·9	31st	295·9	296·6	..	0	- 1
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1004·6	- 1·6	310·5	314·7	12th	294·3	291·3	31st	302·4	..	+ 1·2	0	- 1
544	ǂBeirut	33 54	35 28	33·7	..	1006·2	- 2·0	306·0	306·7	6th,13th	297·4	296·3	2,3,24	301·7	301·5	+ 1·3	0	- 1
545	Hinaidi	33 17	44 29	32·9	994·8	998·4	- 1·9	316·7	319·1	17th,18th	298·8	295·2	1st	307·7	307·8	+ 0·3	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	866·8	992·6	..	307·4	310·0	1st	295·9	293·7	27th	301·7	301·4	- 0·2	2	- 1
548	Meshed	36 17	59 36	946	..	..	..	306·0	308·7	2nd	..	..	..	..	..	..	0	- 1
549	Seistan	31 2	61 30	?610	944·4	..	..	310·9	315·9	2nd	298·2	293·5	31st	304·5	..	+ 0·1	0	- 1
550	Quetta	30 10	67 1	1647	828·5	..	- 1·8	309·8	312·4	8th,13th	292·5	285·8	27th	301·2	300·9	+ 3·4	4	+ 2
551	Peshawar	34 1	71 35	355	958·9	997·1	- 2·4	312·3	315·8	4th	301·2	296·9	30th	306·7	306·2	+ 2·3	244	+107
551a	Lahore	31 35	74 20	214	974·6	998·1	- 1·8	308·9	314·1	4th	299·6	295·8	27th	304·3	303·6	0·0	193	+101
552	Simla	31 6	77 10	2202	?77·3	..	- 1·0	293·8	298·6	6th	289·3	287·4	5th	291·6	291·3	+ 1·0	25	+ 4
552a	Leh	34 9	77 34	3503	665·4	..	+ 0·3	296·3	300·2	4th,18th	283·6	281·9	22nd,31st	289·9	288·5	- 0·4	..	..
558	Sian	34 31	109 5	365	..	..	..	..	..	..	..	..	..	..	..	..	..	..
559	Hankow	30 35	114 17	39·1	1000·0	1004·6	- 0·9	306·0	309·1	2nd	300·2	297·1	25th	303·1	303·2	+ 1·6	57	+ 9
560	Tientsin	39 9	117 9	6·4	1006·4	1007·0	+ 0·1	304·3	309·0	12th	295·0	290·3	26th	299·6	299·2	+ 0·4	245	+107
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·3	1005·1	- 0·8	306·2	309·7	22nd	297·6	293·4	28th	301·9	300·9	+ 1·0	112	+ 2
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1000·7	1008·7	+ 1·4	301·2	307·4	9th	294·7	289·6	31st	297·9	297·5	- 0·1	58	- 38
562a	Nagasaki	32 44	129 52	133	994·7	1009·7	+ 1·4	304·6	307·2	24th	296·8	293·1	29th	300·2	300·0	+ 0·4	73	- 21
563	Kyoto	35 1	135 44	42·9	1007·0	1011·9	+ 3·0	305·6	307·9	9th,26th	295·6	291·5	29th	300·6	300·2	+ 1·1	49	- 31
564	Tokyo	35 41	139 46	5·8	1011·9	1012·5	+ 2·5	303·4	306·8	28th	295·8	290·5	31st	299·6	299·4	+ 1·0	68	- 15
565	Hukusima	37 45	140 28	68·5	1004·3	1012·2	+ 2·5	304·1	309·7	21st	294·5	290·0	30th	299·3	298·5	+ 1·2	100	+ 9
566	Miyako	39 38	141 59	30·4	1007·9	1011·4	+ 1·0	301·6	307·3	21st	292·4	284·8	31st	297·0	296·0	+ 1·0		
		N.	E.															

AUGUST - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean °	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1015·1	1015·8	..	305·9	309·1	sev.dates	294·0	290·8	14th	300·0	299·2	+ 1·2	155	+107
605	Honolulu	21 19	157 52	11·6	1014·9	1016·2	- 0·1	301·1	301·9	14th	296·6	295·2	12th	298·9	298·7	+ 0·1	66	+ 17
613	ǂGuaymas	27 55	110 53	8·3	1010·7	1011·6	+ 0·7	308·5	313·0	18th	299·6	297·0	21st	304·1	303·3	+ 0·4	17	+ 2
614	La Paz, Mexico	24 10	110 20	12	1007·9	1009·2	..	306·7	311·5	19th	299·9	298·0	8th	303·3	302·8	..	145	+ 77
615	Leon	21 7	101 41	1809	821·9	1010·5	- 0·4	298·8	302·6	20th	287·2	284·9	17th	293·0	292·9	- 1·6	73	+ 9
616	ǂMonterry	25 40	100 18	528	955·1	1013·9	+ 3·0	303·2	306·0	8th	294·5	291·7	15th	298·9	298·2	- 2·1	101	+ 37
617	Tulancingo	20 5	98 22	2181	?91·9	..	+ 0·4	294·6	297·0	4th	283·5	278·8	17th	289·1	288·4	- 0·9	107	+ 43
618	Galveston	29 18	94 50	16·5	1015·9	1017·9	+ 2·7	303·4	305·8	10th	298·4	294·1	16th	300·9	300·6	- 0·3	134	+ 71
618a	New Orleans	29 57	90 4	16·2	1016·2	1017·9	+ 2·7	304·1	307·4	8th	296·6	293·6	26th	300·3	299·8	- 0·5	..	..
619	Merida, Yucatan	20 58	89 38	22	1012·8	1015·3	+ 0·2	304·7	306·0	3rd	296·7	295·4	4th	300·7	299·9	+ 0·1	126	+ 59
620	Havana	23 7	82 25	?7·0	1007·0	1015·8	+ 0·3	305·2	306·9	14th	297·2	294·8	6th	301·2	300·7	..	98	+ 27
620a	Key West	24 33	81 48	6·7	1016·2	1016·9	+ 1·3	305·0	306·3	12th	298·6	294·7	17th	301·8	301·0	+ 0·1	67	+ 1
621	Nasseu, Bahamas	25 5	77 20	9·6	..	1017·6	+ 1·2	305·4	306·9	1st,19th	298·0	296·9	2,12,24	301·7	301·8	+ 0·4	..	..
622	San Salvador (Watling Island)	24 6	74 26	33·5	1014·5	1018·3	+ 1·0	..	305·2	23rd	..	298·0	14th,16th	..	301·1	- 0·3	..	..
633	Port Etienne	20 56	17 3	4	1013·9	..	..	302·5	307·0	19th,23rd	290·5	288·2	9th	296·5	295·1	..	0	- 1
634m	Izeña	28 19	16 30	2367	?73·2	..	+ 0·2	294·7	300·4	19th	286·3	280·3	8th	290·5	290·0	- 0·3	3	+ 1
634	La Laguna	28 28	16 20	547	953·7	1015·9	+ 0·2	298·3	305·8	22nd,24th	288·2	285·3	16th	293·3	292·6	- 1·9	0	- 1
636	Adrar	27 52	W. 0 17	?285	979·6	1010·0	..	320·8	322·8	1st,12th	304·2	300·4	6th	312·5	313·7	..	..	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	864·1	1002·4	..	309·0	313·0	4th	295·9	291·3	30th	302·5	303·5	+ 1·4	0	- 1
639	Sebha	27 1	14 27	424	..	..	..	312·2	316·7	10th	297·8	293·6	31st	305·0	..	..	0	- 1
640	Hon	29 8	15 56	263	..	..	..	313·4	321·6	10th	290·4	283·5	21st	301·9	..	..	0	- 1
641	Gisrabub	29 44	24 30	12	..	..	..	311·4	314·6	13th	293·5	283·9	3rd	302·5	..	+ 1·3	..	..
642	Siwa	29 12	25 29	-23	1012·6	1010·0	- 1·2	311·2	314·8	10th,11th	295·4	293·8	18,27,31	303·3	301·9		0	- 1
643	Cairo (Helwan)	29 52	31 20	116	994·2	1007·2	- 1·6	308·8	311·4	12th	295·3	292·8	26th	302·1	302·2	+ 1·4	..	..
643a	Aswan	24 2	32 53	100	994·3	1005·3	- 1·0	315·6	318·0	23rd,24th	299·9	298·0	sev.dates	307·7	307·1	+ 1·5	0	- 1
644	Tor	28 14	33 37	1·9	1005·2	1005·4	0·0	309·1	314·0	7th,13th	297·5	294·0	16th	303·3	302·8	+ 1·2		
		N.,	E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

AUGUST - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean °	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	995·6	996·1	..	308·2	312·4	19th	302·1	300·2	14th,30th	305·1	304·5	- 0·2	0	0
648	Jask	25 45	57 45	4·0	996·2	996·7	..	308·6	313·1	18th	302·9	301·3	27th,31st	305·8	305·2	+ 1·0	0	0
649	Karachi	24 48	66 59	4·0	998·6	999·1	- 2·9	304·7	306·3	11th,15th	300·6	298·0	31st	302·6	302·0	+ 1·9	1	-41
650	Jacobabad	28 17	68 29	56·7	990·0	996·3	- 2·8	314·1	316·9	4 days	302·7	300·8	30th	308·4	307·8	+ 1·4	0	- 25
651	Jaipur	26 55	75 50	436	951·5	999·2	- 2·4	304·4	308·0	4th	298·1	295·8	7th	301·3	300·4	- 0·6	387	+185
652	Nagpur	21 9	79 7	310	966·3	1000·9	- 2·5	302·6	305·8	6th	296·7	295·2	22,23,24	299·7	298·9	- 0·4	447	+151
652a	Allahabad	25 26	81 50	94·2	987·9	998·4	- 2·5	306·1	308·6	19th	299·6	298·0	22nd,26th	302·8	302·2	+ 0·7	199	- 98
653	Darjeeling	27 3	88 16	2265	?72·4	..	- 1·2	292·9	296·3	15th	287·9	283·6	6th	290·4	290·1	+ 1·0	416	-248
654	Calcutta	22 32	88 20	6·4	998·0	998·8	- 3·0	305·2	307·4	5,6,14	299·8	298·0	22nd	302·5	302·3	+ 1·3	223	-100
655	Gauhati	26 11	91 45	59·7	994·9	1001·4	- 2·4	306·1	308·6	16th,21st	299·0	296·3	28th	302·6	301·8	+ 0·8	372	+109
656	Cherrapunji	25 15	91 44	1313	862·7	..	- 1·7	296·7	299·7	16th,20th	292·3	290·8	1st,22nd	294·5	294·0	+ 1·2	685	-1343
657	Akyab	20 8	92 55	8·8	1001·6	1002·7	- 2·5	301·4	303·6	6th	298·0	296·9	9,26,27	299·7	299·8	- 0·4	1481	+333
658	Mandalay	21 59	96 6	76·2	994·4	1002·9	- 2·7	309·0	311·3	5 days	300·1	296·9	24th	304·6	304·2	+ 1·8	47	-70
659	Tenguen	25 0	98 40	1634	830·3	1000·1	..	297·9	300·8	14,15,19	290·2	288·6	17,27,29	294·1	293·4	+ 0·7	271	- 7
659a	Fun Lien	20 48	106 38	116	..	1001·2	- 1·9	304·6	309·5	18th	297·9	295·4	3rd	301·3	300·7	- 0·1	420	+90
660	Moncay	21 31	107 58	9·0	..	1000·9	- 2·5	306·0	310·6	17th	298·6	297·4	3rd	302·3	301·7	+ 0·9	720	+123
660a	Hongkong	22 18	114 10	33·2	..	1000·8	- 4·0	303·7	307·4	25th	299·2	296·8	1st	301·5	301·2	+ 0·6	362	- 4
661	Amoy	24 26	118 4	4·9	1002·9	1003·4	- 1·3	304·6	308·0	14th,24th	300·5	298·6	16,17,20	302·5	302·5	+ 0·6	699	+531
662	Taihoku, Formosa	25 2	121 31	9·3	1001·9	1002·9	- 2·0	305·9	308·9	2nd	297·9	295·9	23rd	301·9	301·3	+ 0·4	376	+70
663	Basco	20 28	121 59	18·7	..	1002·3	- 2·4	303·6	305·6	9th	299·2	297·3	29th	301·4	301·2	+ 0·4	623	+226
664	Naha	26 12	127 39	29·5	1000·3	1003·6	- 2·6	303·6	305·0	2nd	298·9	297·7	22nd,30th	301·3	301·2	+ 0·4	236	-36
665	Titlisima (Bonin Islands)	27 5	142 11	4·3	1003·5	1004·0	- 4·5	304·1	306·2	1st	298·2	296·0	5th	301·1	300·8	+ 0·7	137	-35
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

AUGUST - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean °	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
705	Mollina	19 12	103 45	498	957·6	1013·0	+ 0·9	305·0	310·0	17th	294·3	291·9	7th	299·7	298·6	+ 0·1	154	-16
706	Manzanillo, Tacubaya	19 42	101 7	1923	811·1	1010·9	+ 0·4	295·1	297·7	19th	287·7	285·9	15th	291·4	290·9	+ 0·3	177	+30
707	Mexico, Tacubaya	19 24	99 12	2309	?76·7	..	+ 0·5	296·4	298·4	6th	284·1	279·4	17th	290·3	288·6	- 0·4	220	+83
708	Celaia Cruz	16 12	95 12	56	1005·2	1011·6	- 0·4	303·5	306·2	22nd	296·0	291·8	17th	299·7	300·5	- 0·5	74	-69
709	San Salvador	13 42	89 13	682	937·9	1013·2	+ 0·8	306·4	308·2	16th,21st	291·7	289·6	6th	299·1	297·1	+ 0·5	202	-105
710	Belize	17 31	88 11	5·2	1012·9	1013·5	+ 0·1	302·6	304·1	31st	296·1	294·1	15,19,25	299·3	298·9	- 1·5	279	+118
711	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·5	+ 0·6	305·7	307·2	17th	296·4	294·9	3rd	301·1	300·8	+ 1·2	59	-106
712	Fort au Prince	18 33	72 20	37·4	1010·8	1015·1	+ 0·6	307·0	309·2	28th	296·8	294·0	17th	301·9	301·2	+ 0·5	198	+62
713	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
714	San Juan, Porto Rico	18 29	66 7	25·0	1013·2	1016·2	+ 0·3	302·7	305·8	3rd	298·1	296·3	14th	300·4	300·2	+ 0·5	141	-47
715	Grenada (Richmond Hill)	12 5	61 46	188	992·5	1013·7	+ 0·9	304·3	305·2	5,19,24	296·8	295·8	12,16,22	300·5	299·9	+ 1·0	233	- 4
716	Barbados	13 8	59 36	57·9	..	1014·8	+ 1·0	303·1	303·6	sev.dates	296·7	294·3	3rd	299·9	299·7	+ 0·1	161	-22
717	SGo Vicente, C. Verde Is.	16 54	25 4	11	1014·2	1015·4	+ 2·9	300·8	304·0	23rd	296·3	295·0	14th	298·5	298·4	- 0·2	1	-38
718	San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	Dakar	14 40	17 26	32	1008·8	1012·4	..	305·3	307·2	14th,30th	298·2	294·6	8th	301·7	302·0	+ 1·1	54	-191
720	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·7	309·7	12th	297·6	295·2	15th	300·6	300·9	+ 1·4	111	-412
721	Bissabelé	12 57	7 26	300	..	..	..	305·5	308·0	sev.dates	295·3	293·0	29th	300·4	..	..	161	..
722	Lahare	16 45	W. 3 1	273	..	..	..	313·5	318·5	17th	299·1	295·0	12th	306·3	305·4	..	34	..
723	Sokoto	13 2	E. 5 14	354	..	..	..	305·6	309·1	26th,27th	295·9	293·6	13th,28th	300·7	300·0	+ 1·2	138	-83
724	Kaduna Capital	10 32	7 25	597	945·2	1016·1	..	304·4	308·6	2nd	..	..	..	..	..	..	..	..
725	Bilma	18 41	12 55	356	..	..	..	316·6	319·2	1st,30th	298·3	294·4	20th	307·5	308·1	..	0	..
726	Maiduguri	11 47	13 11	361	..	..	..	306·1	309·1	19th	..	..	..	..	‡300·1	+ 1·2	181	-28
727	El Fasher	13 32	25 18	730	926·4	1005·8	..	306·9	311·5	13th	294·6	292·5	8th	300·7	298·8	+ 0·4	125	-14
728	El Obeid	13 11	30 14	563	946·7	1008·7	+ 0·2	305·4	309·3	30th	293·9	290·9	31st	299·7	299·0	0·0	121	+ 9
729	Khartoum	15 37	32 33	390	965·4	1008·3	+ 0·4	308·7	313·9	3rd	297·4	294·5	7th	303·1	302·7	- 1·2	175	+103
730	Port Sudan	19 37	37 13	5·5	1005·5	1006·1	+ 0·9	314·6	317·9	1st,5th	302·9	300·5	23rd	308·7	307·4	+ 0·7	27	+24
731	Berbera, Somaliland	10 26	45 2	13·8	1003·0	1004·5	- 0·4	312·5	315·8	4th	304·1	301·9	24th	308·3	307·8	- 0·5	1	- 1
732	Aden	12 49	45 2	29·9	1001·3	1004·7	+ 0·1	306·4	314·7	9th	296·8	290·2	15th	301·6	302·8	- 1·7	0	- 3
733	Bombay	18 54	72 49	11·3	1002·8	1004·0	- 2·8	302·6	304·1	3rd	297·9	296·9	1,5,28	300·3	300·1	+ 0·2	602	+252
734	Lodikanal	10 14	77 28	2343	?69·5	..	- 0·1	290·1	291·9	3,4,10	284·9	283·6	31st	287·5	287·1	+ 1·0	143	-35
735	Bangalore	12 58	77 35	921	907·0	1006·7	- 1·1	301·9	303·6	24th,26th	292·8	290·8	30th	297·3	296·2	+ 1·1	33	-104
736	Madras	13 4	80 15	6·7	1004·7	1005·4	- 1·7	308·0	310·2	10,22,23	298·8	296·9	10th,27th	303·4	302·8	+ 0·6	99	-19
737	Vizagapatam	17 42	83 18	38·4	997·0	1001·3	- 2·1	305·4	308·6	19th	299·3	298·0	4 days	302·4	301·8	+ 0·1	34	-102
738	Port Blair	11 40	92 43	18·0	1004·7	1006·7	- 1·6	302·4	303·6	5 days	298·4	296·3	5th	300·4	299·8	+ 0·1	573	+199
739	Rangoon	16 46	96 11	5·5	1004·9	1005·6	- 2·0	302·7	305·2	3rd	297·7	295·8	27th	300·2	299·3	+ 0·3	709	+204
740	Cap St. Jacques	10 20	107 5	180	..	1007·2	..	301·6	303·5	6th	296·6	294·3	14th	299·1	298·7	- 0·4	97	-56
741	Saigon	12 15	109 12	5·6	..	1003·2	..	305·8	309·7	12th	298·3	296·9	6th	302·0	301·5	+ 0·2	29	-19
742	Bolinao	16 23	119 53	2	..	1004·2	- 1·3	302·5	307·3	5th	297·3	295·6	9th	299·9	299·7	+ 0·1	?207	+596
743	Vigan	17 34	120 23	12·2	..	1003·3	- 2·6	303·3	305·9	2nd	297·5	296·3	10th	300·4	299·7	- 0·1	924	+203
744	Manila	13 35	120 59	14·2	..	1005·2	- 1·9	303·2	306·3	6th	297·2	296·2	11th	300·2	299·7	- 0·3	?466	+1052
745	Tuguegarao	11 0	124 36	5·6	..	1005·9	- 1·3	304·7	305·8	5th	297·6	295·5	4th	301·1	301·6	+ 1·5	154	-90
746	Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·2	+ 0·1	?303·8	?306·0	4th	297·6	296·2	18th,21st	300·7	300·9	+ 0·6	606	+220
747	Saipan	15 14	145 46	207	985·6	1005·7	..	301·8	302·9	1,24,31	296·7	294·8	20th	299·3	299·1	..	349	..
		N.,	E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1008·5	1009·1	- 2·0	..	..	..	297·9	295·8	1st	..	‡302·5	+ 0·2	49	-37
821	¢Cristobal	9 23	79 54	11·0	..	1010·2	- 0·6	303·3	305·2	22nd	298·0	296·3	6th	300·7	300·2	+ 0·9	445	+76
822	Bogota	4 36	74 5	2645	747·5	..	+ 1·1	291·3	294·1	15th	283·4	281·4	12th	287·3	286·7	+ 0·3	22	-5
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	986·1	1010·7	- 0·4	..	..	..	..	..	..	..	..	0·0	67	-107
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·1	+ 0·3	303·4	304·4	29th	298·3	295·2	2nd,4th	300·9	300·0	+ 0·9	164	+84
826	Paramaribo	5 49	55 9	3·7	1013·4	1013·8	+ 0·4	305·5	306·7	31st	296·2	295·2	22nd	300·9	300·2	+ 0·6	215	+120
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	237	+92
833	Konakri	9 31	13 43	**12·5	..	..	..	301·1	303·6	22nd	296·6	295·0	18th	298·9	298·5	+ 0·8	1087	+74
834	¢Freetown, Sierra Leone	8 29	13 14	55·0	1007·2	1013·5	+ 1·2	300·3	303·0	28th	..	..	..	..	‡297·9	..	855	+1
835	¢Assuantsi	5 18	1 15	97·3	1002·2	1013·4	..	299·3	301·3	11th,15th	294·5	291·3	7th	296·9	296·5	+ 0·2	65	+1
836	¢Accra	5 33	W. 0 12	17·7	1012·1	1014·2	+ 0·3	300·3	302·4	29th	295·7	293·0	8th,9th	298·0	297·6	+ 0·7	19	-13
837	¢Lagos	6 27	E. 3 24	3·0	1013·6	1014·0	+ 0·9	301·3	303·0	14,16,19	296·9	294·7	8th	299·2	298·6	+ 0·7	53	+34
838	¢Victoria, Nigeria	4 1	9 12	15·5	1012·9	1014·7	..	297·8	300·8	4th	..	..	..	..	..	..	1339	..
839	Yola	9 12	12 30	259	..	..	..	303·4	305·8	24th	295·9	293·6	6th	299·6	299·1	+ 0·7	192	+78
841	Wau	7 42	28 3	440	961·0	1010·1	+ 0·1	303·4	306·3	17th	294·3	293·0	sev.dates	298·9	297·8	+ 0·1	178	-36
843	Malakal (Kodok)	9 35	31 37	394	967·0	1011·1	+ 0·1	304·3	308·2	2nd	294·9	293·5	8th	299·6	298·1	+ 0·4	127	-11
843a	Juba	4 53	31 35	475	958·0	1011·1	..	303·7	307·2	2nd	292·8	291·0	8th	298·3	297·0	..	65	-48
844	Entebbe	0 5	32 29	1171	..	..	..	298·3	299·7	19,30,31	290·0	288·3	10th	294·2	..	+ 0·5	33	-44
844a	Kampala (Kololo Hill)	0 20	32 36	1310	870·2	1010·7	..	298·5	300·9	18th	289·8	288·5	11th	294·1	293·3	..	110	-68
845	Sheikh	9 55	45 15	1463	..	..	..	301·7	303·6	2nd,8th	290·7	288·6	14th	296·2	295·5	..	..	..
851	Minicoy	8 18	73 0	2·7	1009·8	1010·1	- 0·9	302·0	304·1	1st	297·7	294·7	11th	299·9	299·3	..	304	+26
851a	Cochin	9 58	76 14	2·7	1010·2	1010·6	- 0·2	300·8	302·4	1,2,8	296·4	295·8	sev.dates	298·6	298·0	- 0·6	1172	+38
852	¢Colombo Observatory	6 54	79 52	7·3	..	1009·7	+ 0·6	302·1	302·9	6,7,27	297·6	295·3	7th	299·8	299·2	- 0·5	231	+39
853	¢Nuwara Eliya	6 58	80 46	1881	812·9	1010·8	+ 0·1	290·4	295·4	1st	286·1	284·6	1st	288·3	287·6	+ 0·1	505	+55
854	¢Trincomalee	8 35	81 15	30·2	..	1005·5	- 0·6	306·7	308·6	31st	298·4	296·6	1st	302·6	302·0	+ 0·9	1	-57
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	218	+5
856	Medan	3 35	98 41	25·0	..	1008·2	- 1·1	304·4	306·3	15th	296·0	295·2	1st	300·2	299·8	+ 1·1	148	-25
857	Butterworth	5 25	100 22	2·1	..	1008·0	..	304·0	305·8	23rd	297·0	295·2	sev.dates	300·5	300·4	..	172	-1
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1008·4	- 1·1	305·1	306·9	10th,23rd	298·3	296·3	25th	301·7	300·9	..	338	+70
859	Sandakan	5 50	118 7	31·7	1001·2	1007·5	..	305·3	306·9	18th,25th	297·1	295·8	26th,29th	301·2	301·7	+ 0·5	197	-31
860	Iwahig	9 44	118 38	14·3	..	1005·5	- 1·8	305·1	307·2	15th	296·9	295·2	6th,8th	301·0	300·2	+ 0·9	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1006·5	- 1·4	305·6	308·4	25th	297·8	295·4	12th	301·7	301·2	+ 0·7	110	-41
861a	Menado	1 30	124 50	8·5	..	..	..	305·2	307·8	24th	296·9	294·2	21st	301·1	300·7	+ 1·0	114	-51
862	Surigao	9 48	125 29	6·0	..	1006·5	- 1·2	305·0	307·0	23rd	298·7	296·8	3rd	301·9	301·5	+ 0·8	37	-91
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·3	0·0	303·4	305·7	22nd	297·9	296·6	19th	300·7	300·0	+ 0·3	362	+222
864	Palau	7 20	134 29	31·8	1005·0	1008·6	- 0·8	302·8	303·9	28th	297·1	295·6	2,13,24	299·9	300·1	+ 0·2	458	+68
867	Ponape	6 58	158 13	38·9	1004·9	1009·3	..	303·1	304·5	28th	295·7	293·6	29th	299·4	299·2	..	267	-1

AUGUST - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1010·4	..	302·1	303·6	27th	298·6	296·0	6th	300·4	300·1	..	289	..
920	Lambayeque	6 46	80 55	15	1011·9	1013·7	..	298·1	301·0	20th	289·3	287·0	sev.dates	293·7	292·8	..	0	-1
921	Quito	0 14	78 30	2816	728·3	..	+ 0·3	296·3	298·7	29th	280·5	277·0	2nd	288·4	286·8	+ 0·9	1	-1
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	¢Ascension Island	7 56	W. 14 25	16·8	..	..	..	300·3	301·7	2nd,7th	294·3	292·9	6th,26th	297·3	296·5	- 0·7	8	..
939	Loanda	8 49	E. 13 13	59·3	..	1015·8	+ 0·4	295·4	297·4	11th	290·8	288·5	7th	293·1	292·9	+ 0·1	0	..
940	Brazzaville	4 17	15 16	320	..	..	..	304·8	309·0	23rd	291·5	287·0	3rd	298·1	297·2	+ 1·5	165	..
942	Tshibinda	2 19	28 45	2115	..	..	..	295·3	298·3	..	282·7	279·3	..	289·0	289·9	..	..	..
943	Masaka	0 20	31 44	1280	..	..	..	..	..	..	..	..	..	..	..	..	37	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·8	1016·8	..	293·9	297·1	9th	284·3	280·5	10th	289·1	288·2	+ 1·0	17	..
944a	Zanzibar (Town)	6 10	39 12	17·1	1016·3	1018·4	0·0	301·4	303·0	6th	296·4	295·8	15th	298·9	298·0	..	15	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	1014·3	1016·6	..	301·6	303·1	3rd	295·6	294·0	30th	298·6	298·1	..	35	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·8	0·0	300·3	301·3	1st	296·1	294·7	21st	298·2	297·3	- 0·4	..	..
957	¢Padang	0 56	100 22	6·7	..	1009·6	- 0·9	304·0	306·0	10th	297·1	296·1	21st	300·5	300·0	+ 0·7	292	..
958	Batavia	6 11	106 50	8·0	1008·9	1009·8	- 0·6	304·4	306·2	17th	296·5	295·4	8th,25th	300·5	300·1	+ 1·0	160	..
958a	¢Pontianak	0 1	109 20	2·6	..	1009·0	- 0·9	306·1	308·2	31st	297·2	295·2	11th	301·7	301·1	+ 1·2	48	..
959	Pasuruan	7 38	112 55	5·0	..	1010·2	- 0·9	304·8	307·4	22nd	294·5	292·0	9th	299·7	299·7	+ 0·7	0	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	3	..
962	Amboina	3 42	128 10	4·2	..	1010·4	- 0·8	300·9	302·5	23rd	296·8	292·3	14th	298·9	298·6	+ 0·8	35	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	448	..
965	Daru	9 4	143 13	7·6	..	..	..	301·1	..	..	..	..	..	..	..	..	25	..
966	Port Moresby	9 29	147 9	38·4	..	1011·2	- 0·7	..	..	..	296·6	..	..	298·8	298·4	0·0	7	..
967	Rabaul	4 9	152 12	12·5	1007·6	1009·0	- 0·4	305·6	307·8	30th	294·2	..	..	..	‡298·9	..	61	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	295·7	294·7	19th,20th	300·7	300·1	+ 0·6	141	..
970	Ocean Island	0 52	169 35	42·6	1004·8	1009·8	- 0·7	304·8	306·3	31st	297·9	296·4	1st	..	‡300·2	- 0·2	135	..
											298·6	298·0	sev.dates	301·7	301·0	+ 0·7		
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Height changed from 16m. to 12·5m. from August 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1013·6	1014·6	..	299·1	301·1	7th	294·2	290·8	15th	296·6	..	..	94	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·3	- 0·8	302·1	303·3	20th	296·3	293·4	25th	299·2	299·0	0·0	51	-41
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1015·8	- 0·1	300·2	302·4	1,2,3	292·7	288·0	23rd	296·4	296·2	+ 0·3	121	- 2
1004	Lima	12 5	77 3	111	1001·9	1015·1	..	291·2	293·6	15th	286·3	285·4	9th	288·7	288·0	..	10	..
1004a	La Paz, Bolivia	18 28	70 20	5	..	..	..	290·9	294·6	10th	286·7	285·0	28th	288·8	288·6	+ 0·7	0	0
1005	Corumba	16 30	68 8	3658	659·4	..	+ 1·1	290·8	293·3	31st	275·1	273·5	9th	282·9	281·6	+ 0·6	2	-12
1006	Cuyaba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1007	Bello Horizonte	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1008	Caetite	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1009	Ondina (Bahia)	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1010	Aracaju	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1010a	St. Helena	10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1011	Mossamedes	15 57	W. 5 40	579	950·6	1018·3	+ 1·1	287·9	293·0	3rd	285·4	284·7	sev.dates	286·7	286·7	- 0·2	97	+34
1012	Livingstone	15 12	E. 12 9	12·5	1016·0	1017·5	..	..	296·0	9th	..	282·4	7th	..	..	..	0	0
1013	Elizabethville	17 51	25 51	972	910·3	1017·4	..	303·8	310·8	30th	283·8	279·7	2nd	293·8	..	+ 2·0	0	0
1014	Ovelo	11 39	27 28	1230	878·2	1011·7	- 1·8	302·0	305·6	31st	281·1	278·5	19th	291·5	..	+ 0·5	0	0
1015	¢Salisbury (Dept. Agric.)	19 26	29 45	1411	866·6	1020·0	..	299·2	304·1	30th,31st	280·6	275·8	23rd	289·9	..	+ 1·4	0	- 2
1016	Zomba	17 48	31 5	1489	857·5	1018·5	+ 0·3	298·2	303·6	31st	281·8	278·0	20,21,22	290·0	289·7	+ 1·4	0	- 2
1017	Mosauril	15 23	35 18	955	910·9	1015·7	- 0·8	298·3	302·4	31st	286·2	282·4	21st,22nd	292·2	291·5	+ 0·9	0	- 9
1018	Antsanerivo	14 57	47 40	15	..	1018·8	..	301·6	305·4	31st	290·6	288·5	6th	296·1	296·4	..	4	..
1019	Cocos, Keeling Is.	18 55	47 33	1375	869·1	1020·5	+ 0·5	295·1	298·8	5th	282·3	279·2	29th	288·7	287·1	0·0	4	- 4
1020	¢Christmas Island	12 5	96 53	4·6	1011·6	1012·3	- 1·2	300·9	304·2	17th	297·3	295·7	4th,8th	299·1	298·8	+ 0·2	197	+77
1021	Koepang	10 25	105 43	5·5	1009·2	1009·9	- 0·7	302·3	303·6	23rd,24th	296·5	295·2	24,30,31	299·4	298·9	0·0	106	+55
1022	Derby	10 10	123 34	45·1	..	1011·5	- 0·8	306·5	308·1	20th	294·9	291·9	8th	300·7	299·6	+ 1·0	0	- 3
1023	Hall's Creek	17 18	123 40	16·2	1012·8	1014·5	- 0·5	304·3	307·9	19th	288·6	285·4	11th	296·4	..	- 0·3	0	- 2
1024	Marvin	18 13	127 46	373	973·4	1015·3	- 0·4	302·8	306·9	5th	283·6	275·8	25th	293·2	292·5	- 0·4	0	- 2
1025	Daly Waters	12 28	130 51	29·6	1009·1	1012·5	0·0	304·7	307·5	16th	294·5	288·6	24th	299·6	298·4	+ 0·3	0	- 2
1026	Palmerville	16 16	133 23	211	989·8	1013·6	- 0·5	305·2	308·0	5th,6th	286·6	278·0	26th	295·9	295·2	+ 0·2	0	- 3
1027	Georgetown, Queensland	18 22	143 32	302	980·9	1015·1	- 0·9	303·6	305·8	31st	287·2	279·0	24th	295·4	..	+ 0·4	1	- 1
1028	Willis Island	16 18	149 59	8·5	1013·2	1014·3	- 0·9	299·8	301·6	17th	295·1	293·3	26th	297·4	297·3	+ 0·6	3	-12
1029	Hammrai	10 37	150 40	6·1	..	1012·8	- 0·2	..	..	..	296·2	..	..	..	‡298·6	+ 0·4	107	-112
1030	Suva, Fiji	18 8	178 26	6·1	1012·7	1013·5	- 0·8	299·1	304·1	26th	294·0	289·7	29th	296·6	296·4	+ 0·5	156	-55
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

AUGUST - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1015·7	1016·0	..	298·1	300·8	1st,20th	291·2	284·7	29th	294·6	..	..	235	..
1102	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	297·7	300·2	5th	290·6	285·8	31st	294·1	293·9	- 0·3	69	-45
1103	Punta Tortuga, Coquimbo	29 55	71 22	25	1015·5	1018·3	+ 0·3	287·8	290·4	17th,28th	282·5	279·0	5th	285·1	284·9	- 0·4	19	0
1104	Matofegaste	23 42	70 24	94	1003·8	1015·1	- 3·1	289·9	291·0	sev.dates	283·0	280·2	6th	286·5	286·1	- 0·5	0	- 2
1105	Catamarca	28 29	65 47	528	956·5	1017·8	+ 2·5	295·2	305·8	28th	279·2	273·5	7th	287·2	287·7	- 0·3	0	- 6
1106	Salta	24 46	65 24	1173	884·1	1015·5	0·0	295·2	307·7	13th	274·7	267·1	1st	285·0	284·9	- 1·4	1	- 4
1107	Goya	29 9	59 15	37	1013·7	1018·1	+ 1·7	294·8	303·3	16th	282·3	274·6	8th,9th	288·6	288·3	+ 0·1	47	+10
1108	Asuncion	25 17	57 41	139	1003·0	1019·3	+ 3·6	299·6	307·6	15th	288·1	278·6	30th	293·8	293·0	+ 0·8	8	-33
1109	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1110	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1111	¢Windhoek	22 34	E. 17 6	1727	833·8	1018·5	..	296·4	300·0	28th	281·6	275·8	5th	289·0	288·4	+ 0·9	..	..
1112	¢Okiep	29 36	17 52	933	912·6	1018·9	- 1·8	291·5	299·7	12,15,25	279·7	274·4	31st	285·6	285·0	+ 0·2	23	+ 1
1113	Kimberley	28 44	24 46	1218	884·7	1020·9	+ 0·2	294·8	301·7	26th	278·4	272·9	7th	286·6	286·3	+ 0·9	1	- 5
1114	Johannesburg	26 11	28 4	1806	826·9	1020·9	0·0	293·0	297·9	27th	280·8	274·0	4th,6th	286·9	286·5	+ 1·5	0	-13
1115	Salisbury	20 9	28 35	1349	872·9	1020·1	+ 1·2	299·4	304·9	30th	281·4	277·4	2nd	290·4	290·2	+ 1·3	0	0
1116	Durban	29 52	31 3	15·2	1018·9	1020·7	- 1·6	294·9	299·1	15th	288·2	287·1	4th	291·5	291·1	+ 0·4	46	+ 2
1117	Lourenço Marques	25 58	32 36	59·5	..	1020·2	- 1·5	299·3	306·1	2nd	287·9	285·0	5th	293·6	292·9	+ 1·0	1	-14
1118	¢Mauritius	20 6	57 33	55·2	1014·4	1020·9	+ 0·3	297·1	298·9	30th	290·2	287·0	21st	293·7	293·3	+ 0·3	31	-26
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

AUGUST - ZONE 11 (AUSTRALIA).

RÉSEAU MONDIAL

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1015·5	1015·9	- 0·2	298·2	303·8	19th	284·5	280·4	28th	291·3	..	- 0·9	16	+ 4
1160	Cue	27 27	117 52	454	965·5	1018·0	- 0·5	292·9	300·1	10th	280·4	275·1	13th	286·7	..	- 0·4	26	+ 8
1161	Mullagine	21 53	120 5	386	..	..	..	299·1	304·4	9th	280·2	272·7	24th	289·7	..	- 1·0	1	- 8
1162	Laverton	28 40	122 23	466	964·5	1018·4	- 1·3	292·9	300·8	10th	278·8	273·6	21st,28th	285·8	285·7	- 0·4	10	+ 3
1163	Alice Springs	23 38	133 37	587	950·6	1017·7	- 0·3	295·4	304·1	5th	279·2	274·1	10th	287·3	287·1	- 0·4	1	- 5
1164	William Creek	28 55	136 21	76·2	1010·6	1019·7	0·0	293·6	300·9	4th	278·3	274·6	9th	285·9	285·6	- 0·6	0	- 5
1164a	Boulia	22 55	139 38	146	999·0	1015·9	- 1·0	299·7	306·4	5th	281·7	276·9	26th	290·7	290·5	+ 0·2	1	- 5
1165	Thargomindah	27 58	143 43	123	1003·9	1018·5	- 0·6	294·1	302·3	27th	279·0	275·8	24th	286·6	286·3	+ 0·8	3	- 3
1166	Mitchell	26 32	147 52	336	979·7	1019·0	- 0·4	295·6	300·8	21st	276·8	270·2	24th	286·2	..	+ 0·6		- 5
1167	Rockhampton	23 24	150 30	11·3	1016·3	1017·7	- 1·1	299·1	302·6	28th	285·6	279·3	25th	292·3	291·4	+ 1·0	5	- 2
1168	Brisbane	27 28	153 2	41·8	1014·5	1018·9	- 0·2	295·3	299·4	7th	283·7	279·3	1st	289·5	288·9	+ 0·6	23	- 2
1170	Norfolk Island	29 4	167 59	14·9	1018·3	1020·2	+ 1·9	291·3	293·3	11th	286·9	282·7	4th	289·1	288·7	+ 0·2	100	+ 4
		S.	E.															

AUGUST - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	¢Juan Fernandez	33 37	78 52	6	1020·6	1021·3	+ 0·8	287·3	290·5	19th	283·4	280·0	18th	285·3	285·2	- 0·2	106	- 4
1221a	Punta Tumbes	36 37	73 6	120	1003·3	1018·0	- 0·6	285·1	289·2	8th	279·9	276·5	29th	282·5	282·4	- 0·7	112	+ 8
1222	¢Punta Angeles, Valparaiso	33 1	71 38	41	1014·1	1019·1	+ 0·7	288·8	294·2	20th	281·6	279·0	6th	285·2	284·6	0·0	118	+ 7
1222a	Santiago	33 27	70 42	520	957·8	1019·5	+ 0·8	287·7	297·0	30th	277·9	272·8	7th	282·8	282·8	- 0·6	63	- 1
1223	Cordoba	31 25	64 12	423	967·9	1018·0	+ 1·3	292·2	304·6	28th	276·3	268·4	8th	284·2	283·8	- 1·1	10	- 5
1224	Bahia Blanca	38 45	62 16	28·7	1015·2	1018·7	+ 1·6	287·7	295·7	31st	277·6	271·8	10th	282·6	282·2	- 0·2	17	- 5
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1016·3	1019·3	+ 0·8	288·6	295·6	17th	280·1	272·5	8th	283·4	284·2	+ 0·6	126	+ 7
1226	Montevideo (Prado)	34 52	56 12	24·9	1017·5	1020·9	+ 2·7	288·2	295·8	28th	279·9	272·5	9th	284·1	284·1	+ 0·4	178	+ 7
1226a	Porto Alegre	30 2	W. 51 13	23·5	1018·2	1021·0	+ 2·2	293·7	306·3	17th	283·3	274·9	9th	288·5	288·5	+ 1·0	54	- 1
1239	Cape Town	33 56	E. 18 29	12·2	1019·5	1021·0	+ 1·1	290·8	301·8	11th	282·3	278·0	31st	286·6	285·2	+ 0·5	101	+ 2
1240	¢Danger Point	34 37	19 18	27·7	..	..	..	289·3	294·7	12th	283·4	277·4	30th	286·3	..	+ 0·2	40	- 3
1240a	Klaver	31 47	18 37	41·8	1017·8	1022·8	0·0	296·1	305·8	13th	281·5	277·7	29th	288·8	..	+ 0·2	14	- 3
1241	¢Riversdale	34 6	21 16	105	1013·1	1025·9	..	293·3	304·6	12th	278·2	273·1	18th	285·7	..	- 0·5	12	- 3
1242	East London	33 1	27 54	45·4	1014·8	1020·2	+ 0·3	294·2	306·9	14th	284·0	279·1	4th	289·1	..	+ 0·5		- 3
1259	Perth (Observatory)	31 57	115 51	60·0	1010·5	1017·6	- 1·2	290·6	294·8	8th,23rd	282·1	276·4	21st	286·3	285·3	0·0	174	+ 8
1260	Katanning	33 42	117 35	310	979·2	1016·2	- 1·7	288·3	293·6	23rd	279·9	274·8	21st	284·1	..	+ 0·7	80	+ 3
1261	Coolgardie	30 57	121 10	423	969·3	1018·8	- 0·2	290·7	297·4	10th	279·1	274·0	28th	284·9	284·8	0·0	44	- 1
1262	Eucla	31 45	128 58	4·6	1016·4	1016·9	- 1·1	292·6	302·4	10th	280·1	274·7	23rd	286·3	286·0	- 0·1	16	- 3
1263	Streaky Bay	32 48	134 13	13·1	1017·0	1018·5	- 1·0	289·2	294·0	20th	282·1	278·0	9th	285·7	285·4	- 0·1	38	- 3
1264	¢Adelaide	34 56	138 35	42·7	1012·8	1017·9	- 1·2	288·9	292·6	18th	281·0	278·4	7th,30th	284·9	284·8	- 0·3	65	- 3
1265	Melbourne	37 49	144 58	35·1	1011·9	1016·2	- 1·8	287·2	290·9	5th	279·7	275·4	12th	283·4	283·0	- 0·2	47	- 3
1266	Bourke	30 13	145 58	110	1008·5	1021·7	+ 0·4	293·7	300·8	27th	278·6	274·7	25th	286·1	..	- 0·5	2	- 5
1267	Sydney	33 51	151 13	42·1	1011·9	1017·0	- 1·1	291·9	299·4	14th	281·7	278·0	2nd,8th	286·8	285·9	+ 0·9	8	- 3
1268	Lord Howe Island	31 20	159 0	4·9	1018·1	1018·7	+ 0·1	287·1	292·5	12th	280·3	17th	289·8	..	+ 1·2	109	+ 6
1271	Auckland	36 51	174 48	40·8	..	1015·4	+ 0·6	287·8	289·4	13th	281·3	275·8	8th	284·6	..	+ 0·4	84	+ 3
1272	Napier	39 29	176 55	1·5	..	..	..	286·5	292·2	25th	277·8	272·2	8th	282·2	..	- 0·7	12	- 3
		S.	E.															

AUGUST - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	¢Chatham Island	43 52	176 42	45·7	..	1009·0	- 1·8	..	..	..	..	..	..	..	..	..	83	- 3
1321	Isla Guafo	43 34	74 45	140	998·8	1015·9	+ 0·6	281·6	284·0	10th	278·6	274·9	30th	280·1	280·1	0·0	142	+ 5
1322	Punta Galera	40 1	73 44	40	1012·4	1017·3	0·0	284·1	289·5	10th	279·3	275·0	6th,29th	281·7	281·5	- 0·2	240	+ 9
1323	Sarmiento	45 33	69 1	272	980·8	1013·9	+ 1·6	284·9	293·5	31st	274·2	267·4	4th	279·6	279·2	+ 0·9	3	- 3
1324	Puerto Madryn	42 46	W. 65 2	14	1014·8	1016·5	+ 2·6	287·0	295·4	30th	276·1	272·5	7th	281·6	281·6	+ 0·1	37	- 3
1365	Launceston	41 27	E.147 10	81·1	1001·9	1011·7	- 2·5	286·1	288·7	24th	277·1	271·9	1st	281·6	281·1	+ 0·6	97	+ 3
1366	Hobart	42 53	147 20	53·9	1002·6	1009·1	- 4·2	285·4	290·3	5th	278·3	274·0	4th	281·9	281·4	0·0	30	+ 3
1369	Invercargill	46 25	168 21	3·7	..	..	..	283·0	287·4	15th	275·3	270·8	7,23,29	279·2	..	- 0·4	91	+ 3
1370	Alexandra	45 15	169 24	159	..	..	..	282·7	288·2	15th	273·4	268·8	7th	278·0	..	- 0·5	30	+ 3
1371	Dunedin	45 52	170 31	6·1	..	1009·9	- 3·3	282·6	290·1	11th	275·8	272·2	29th	279·2	..	- 0·4	118	+ 3
1371a	Christchurch	43 32	172 39	7·6	..	1010·2	- 2·6	283·4	290·7	12th	275·4	269·0	6th	279·4	..	- 1·3	38	+ 3
1372	Wellington	41 16	174 46	128	..	1012·2	- 2·3	283·6	287·1	18th	278·2	273·1	7th	280·9	280·7		57	+ 3
		S.	E.															

AUGUST - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	997·2	1003·9	+ 1·1	279·9	284·2	10th	276·1	273·0	28th	278·0	278·1	+ 0·9	171	+ 2
1422	Magallanes	53 10	70 54	28	1000·5	1004·0	+ 0·1	279·7	283·8	9th	274·3	270·0	16th	277·0	276·8	+ 1·3	12	+ 1
1423	Punta Dungeness	52 24	68 26	5	1003·0	1003·6	+ 0·9	279·9	284·8	30th	274·7	272·6	18th,29th	277·3	276·9	+ 1·2	23	+ 1
1424	Santa Cruz	50 1	68 31	13	1006·3	1007·9	+ 1·3	282·9	292·6	30th	274·1	269·0	3rd	278·5	278·3	+ 1·8	13	+ 1
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1007·5	+ 2·6	279·5	283·0	21st,31st	272·9	269·1	10th	276·2	..	+ 0·6	35	+ 1
1426	Cape Pembroke	51 41	57 42	21·3	1004·3	1006·9	+ 3·1	279·4	285·2	31st	274·1	271·9	7,18,29	276·7	277·1	+ 1·2	124	+ 1
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	1002·2	1002·7	+ 3·4	276·5	285·6	11th	274·1	263·4	8th,20th	273·3	273·2	+ 1·9		+ 1
		S.	W.															

AUGUST - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43	W. 44 47	7	993·4	994·3	- 0·9	271·3	281·2	10th	261·4	241·3	20th	266·4	266·5	+ 3·2	58	+ 4
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, SEPTEMBER 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF SEPTEMBER, 1931
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

SEPTEMBER - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1147	Cala Bay	80 20	52 48	5·9	1004·2	1005·0	..	..	277·1	..	..	266·0	..	..	272·4	..	37	..

BETWEEN LATITUDE 80° N. AND 70° N.

SEPTEMBER - ZONE 1.

1201	Wrangell Island Barrow	70 58	178 33	6·9	1014·4	1015·3	..	272·0	277·9	1st	268·2	264·5	25th	270·1	270·1	..	4	..
1221	Pond Inlet	71 23	156 17	4·6	..	1015·2	+ 2·4	272·0	277·4	4th	267·2	260·2	25th	269·6	..	- 2·5	9	0
1251	Spermvik	72 43	78 30	4·0	..	1012·2	..	276·6	282·4	1st,7th	272·3	262·4	27th	274·4	274·5	..	..	..
1301	Wygoubkta	72 47	56 7	19·2	1008·4	1010·7	+ 2·3	279·1	287·7	1st	274·9	269·0	30th	277·0	277·1	+ 3·3	26	- 1
1302	Scoresbysgund	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1303	Jan Mayen	70 29	21 58	16·9	?1009·5	?1011·6	..	?276·5	..	..	?271·5	..	..	?274·0	?273·7	..	..	..
1304	Svalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	1008·7	1011·5	+ 3·8	..	281·2	22nd	274·5	271·9	24th	..	276·5	+ 0·3	59	+ 9
1321	¢Jörnfjorden	78 13	E. 15 38	53·0	999·2	1005·8	- 2·1	..	279·6	30th	271·7	265·3	28th	..	273·5	..	28	..
1322	¢Ingoy	74 28	19 17	29·2	1001·6	1005·3	- 2·4	..	280·6	18th	272·9	270·0	22nd	..	274·7	- 1·1	54	+ 3
1323	Bjelnes	71 4	24 6	4·3	1006·4	1006·9	- 0·8	..	285·0	18th	276·6	273·5	26th	..	278·5	- 1·6	70	- 3
1324	¢Hardö	71 5	28 14	10·2	1005·4	1006·6	- 1·6	..	285·2	19th	275·9	272·3	26th	..	278·2	..	56	..
1341	¢Belye Karmakouly	70 22	31 5	12·1	1004·9	1006·4	- 2·4	..	284·0	12th	276·0	270·9	27th	..	278·2	- 1·1	27	-33
1342	¢Belgatch	72 23	52 44	15·3	1001·8	1003·7	- 5·6	..	284·0	..	..	267·7	..	..	277·4	+ 2·0	46	+ 9
1343	Cape of Desire (Zhelanya)	70 24	58 48	11·2	1002·4	1003·8	- 5·2	..	..	..	..	272·1	2nd	..	278·9	+ 2·6	53	+21
1361	Dickson	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1362	Boulouine	73 30	80 23	13·0	1006·2	1007·8	- 0·8	278·6	283·0	..	275·0	268·7	..	276·8	276·8	+ 2·0	36	+ 6
		70 45 N.	127 47 E.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

SEPTEMBER - ZONE 2.

1201	Frechrajenye	N.	W.															
1202	Savoonga	64 52	175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1203	Nome	63 43	170 20	5·5	..	..	..	278·3	281·9	4,5,7	274·3	266·3	27th	276·3	..	..	42	..
1204	Bethel	64 30	165 24	6·7	1008·4	1009·1	+ 2·2	279·9	285·8	8th	273·6	266·3	27th	276·8	277·5	- 1·5	86	+18
1205	Tanana	60 45	161 47	11·6	..	1009·1	+ 2·1	283·1	288·6	3rd	276·1	269·1	28th	279·6	..	- 0·6	78	-23
1206	Rampart	65 10	152 6	69·5	1002·7	1010·5	+ 1·2	283·2	289·7	1st,2nd	273·5	263·6	26th	278·3	278·3	+ 0·6	71	+30
1207	Valdez	65 30	150 15	114	..	..	..	283·0	290·2	1st	273·2	267·4	6th	278·1	..	- 0·1	21	-14
1208	Eagle	61 7	146 16	122	..	..	..	284·9	292·4	6th,7th	277·2	271·9	24th	281·1	..	..	107	..
1209	Iverson	64 46	141 12	250	977·3	1007·8	- 1·7	284·8	291·3	1st	273·9	266·3	24,25,30	279·3	279·2	+ 0·7	36	+ 4
1221	Aklavik	64 4	139 29	324	969·8	1008·9	..	283·8	290·8	5th	274·0	269·1	25th	278·9	279·1	+ 0·6	40	+ 3
1222	Fort Good Hope	68 14	134 50	7·6	1009·0	1009·9	..	279·1	288·6	7th	273·4	266·9	28th	276·3	276·3	..	46	..
1223	Fort Simpson	66 15	128 38	65·2	1007·1	1015·2	..	284·1	293·0	1st	273·1	264·7	25th	278·6	279·2	+ 1·7	50	+28
1224	Bay River	61 52	121 15	126	993·7	1009·0	..	285·7	294·1	1st	276·8	273·0	14,17,19	281·3	281·3	+ 0·5	60	+17
1241	Coppermine	60 51	115 57	161	989·3	1008·8	..	285·7	294·7	1st	276·7	269·1	26th	281·2	281·1	+ 0·2	25	-15
1242	Chesterfield	67 49	115 10	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1243	Nottingham Island	63 45	91 50	4·0	1013·0	1013·5	..	279·8	285·2	1st	275·5	270·2	28th	277·7	277·4	+ 1·4	59	..
1261	Hope's Advance	63 7	77 56	16·5	1008·3	1010·3	..	277·7	284·1	8th	273·4	269·7	27th	275·5	275·3	..	7	..
1262	Resolution Island	61 5	69 33	73·2	999·5	1008·6	..	276·8	284·7	13th	274·1	270·8	23,29,30	275·4	275·6	..	46	..
1281	Jacobshavn	61 18	64 53	38·7	1003·0	1007·8	..	277·3	282·4	7th	273·9	269·7	28th	275·6	275·5	..	87	..
1282	Godthaab	69 13	51 2	31·6	1002·6	1006·5	- 0·9	280·5	287·9	25th	275·6	268·2	30th	278·1	278·4	+ 3·4	29	- 6
1283	Ivigtut	64 10	51 43	20	..	..	..	282·3	286·2	1st	276·2	271·7	30th	279·3	279·4	+ 3·2	54	-29
1284	Angmagsalik	61 12	48 10	30·0	1003·5	1007·2	+ 1·7	284·3	290·3	24th	278·1	274·2	18th	281·2	281·2	+ 3·2	147	- 6
1301	Stykkisholm	65 36	37 33	29·3	1007·1	1010·7	+ 2·7	281·0	284·9	1st	274·7	271·4	10th	277·9	277·6	+ 1·5	97	+ 7
1302	Vestmanno	65 5	22 46	25	..	1013·1	+ 6·4	286·7	291·0	13th	280·0	275·7	11th	283·3	282·7	+ 2·9	75	+ 6
1303	Grimsey	63 24	20 17	122	..	1016·6	+10·3	283·6	285·0	2,15,21	280·7	277·9	3rd,4th	282·1	282·2	+ 1·7	132	-13
1304	Akureyri	66 33	18 1	22	..	1013·5	+ 5·7	283·3	286·9	25th	..	..	..	..	282·6	+ 1·9	30	- 4
1305	Teistarhorn	65 41	18 5	7	..	1014·3	+ 6·5	286·1	293·1	14th	279·4	273·8	11th	282·7	282·8	+ 2·4	3	..
1306	Seydisfjord	64 41	14 22	18	..	1015·8	+ 8·4	286·8	292·5	15th	278·1	272·4	11th	282·5	282·3	+ 2·4	10	-113
1307	Lerwick	62 3	6 45	22·9	1016·4	1019·2	+ 9·2	285·2	291·1	21st	280·2	276·2	12th	282·7	282·7	+ 0·6	63	-57
1321	Bergen, Fredriksberg	60 8	W. 1 11	18·0	..	1019·6	+ 8·2	284·7	287·4	24th	281·6	277·4	12th	283·2	283·1	- 0·1	28	-48
1322	Aalesund	60 24	E. 5 19	44·4	1011·3	1016·7	+ 5·0	285·6	290·8	6th	279·8	277·0	9th	282·7	282·5	- 1·4	82	-112
1323	Trondheim	62 28	6 10	6·3	1015·8	1016·6	+ 6·2	..	288·8	16th	279·7	276·3	14th	..	281·7	- 2·1	130	-27
1324	Bodö	63 26	10 25	59·2	1007·6	1014·9	+ 3·7	283·2	288·0	15th	277·8	274·7	4th	280·5	280·5	- 1·9	103	+21
1325	Hagaranda	67 17	14 26	17·0	1009·1	1011·1	+ 1·6	..	284·1	23rd	276·6	273·1	10th	..	279·3	- 2·4	99	-14
1326	Helsingfors	60 10	24 57	11·7	1007·0	1008·4	- 4·8	284·9	290·8	16th	278·0	269·9	28th	281·5	281·4	- 2·3	95	+31
1327	Kuopio	62 55	27 40	233	979·4	1007·7	- 3·8	281·8	287·0	7th	275·4	269·5	27th	278·6	278·5	- 3·3	69	+ 5
1341	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1342	Petrosavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1343	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1344	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1345	Ust-Tsylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1346	Izhevsk	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		°N.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

SEPTEMBER - ZONE 2. cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49 N.	60 45 E.	13·0	1002·4	1004·0	- 4·0	281·7	290·7	..	277·1	275·5	..	279·4	279·5	+ 2·9	47	+23
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	?20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

SEPTEMBER - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15 N.	170 10 W.	5·8	..	1011·2	+ 4·1	283·2	284·7	sev.dates	278·4	271·9	21st	280·8	..	+ 0·7	45	-24
303	‡Dutch Harbor	53 55	166 30	4·0	1012·2	1012·8	+ 4·6	286·5	296·3	10th	279·3	274·7	29th	282·9	*282·3*	+ 1·1	93	+47
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
306	Kodiak	57 48	152 22	4·6	1007·8	1008·4	+ 1·0	285·1	289·1	12th	271·2	261·3	27th	278·2	..	- 3·4	53	-14
								287·3	291·9	6th,7th	279·7	273·6	27th	283·5	*283·5*	+ 0·3		
309	Sitka	57 3	135 19	19·8	..	..	..										212	+58
310	‡Prince Rupert	54 18	130 18	51·8	1005·7	1011·9	- 2·6	289·3	294·1	7th	280·8	274·1	13th	285·1	..	+ 1·1	206	+61
311	Prince George	53 50	122 48	570	944·8	1011·5	..	288·1	290·8	7th	281·8	278·6	16th,21st	284·9	*285·0*	0·0	46	-10
312	‡Kamloops	50 41	120 20	385	969·0	1014·2	- 2·9	290·1	294·7	8th	276·2	266·9	17th	283·1	*283·0*	+ 0·2	20	-14
								291·6	300·8	2nd	282·5	275·2	23rd	287·1	*287·3*	- 0·3		
313	Calgary	51 2	114 2	1079	887·4	1009·2	- 3·4	290·2	300·8	3rd	277·2	271·3	17th,23rd	283·7	*283·2*	+ 0·3	43	-10
314	Fort Smith	60 0	111 52	207	983·9	1008·4	..	287·4	294·1	2nd	277·1	269·1	26th	282·3	*281·8*	+ 2·4	32	-13
315	Prince Albert	53 10	105 45	436	958·3	1009·7	- 3·8	290·0	301·9	6th	279·1	271·9	23rd	284·5	*283·9*	+ 1·5	68	+20
316	Qu'Appelle	50 31	103 56	654	935·0	1010·3	- 3·5	291·5	305·2	6th	279·1	272·4	18th	285·3	*284·7*	+ 1·4	32	-10
317	Minnedosa	50 15	99 50	515	950·4	1010·4	- 3·2	291·8	306·9	7th	279·7	271·3	18th	285·8	*285·1*	+ 1·8	39	-10
318	Berens River	52 18	97 2	219	..	..	..	290·2	300·8	8th	280·5	274·7	18th	285·3	..	+ 0·1	99	+41
319	Pagwa	50 3	85 18	189	..	..	..										72	..
320	Moose Factory	51 14	80 30	9·1	1010·3	1011·4	..	294·4	305·2	8th	275·6	269·7	25th	285·0	..	+ 0·9	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	287·6	301·9	9th,12th	275·8	269·1	19th,29th	281·7	*281·9*	- 2·1	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	284·7	292·4	12th	278·9	271·9	20th	281·8	..	+ 0·8	134	..
323	Fort Chimo	58 10	68 10	15·2	1008·1	1009·9	..	286·8	298·0	13th	276·8	271·3	20,27,28	281·8	..	- 0·3	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	285·0	298·0	7th	275·6	269·7	21st	280·3	*279·8*	- 0·3	113	..
								288·1	294·1	5th	278·5	271·3	23rd	283·3	..	+ 1·1		
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 27	††17 18	§ (33)	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1022·0	1023·7	+ 8·1	288·6	291·4	285·1]+0·4 1st	283·7	278·0	7th	286·1	284·8 286·3	..	66	..
335	Aberdeen	57 10	W. 2 6	26·0	1018·2	1021·4	+ 8·0	286·7	291·6	14th	281·0	275·8	11th	283·9	283·8	- 0·3	23	..
336	Greenwich	51 29	0 0	46·3	..	1021·4	+ 5·2	289·5	294·7	15th,16th	281·2	274·7	8th	285·3	284·9	- 0·6	39	..
337	Uccle	50 48	E. 4 22	100	1008·3	1020·4	+ 4·0	290·4	295·3	3rd	280·3	273·0	24th	285·3	284·6	- 1·9	62	..
338	De Bilt	52 6	5 11	3·0	1019·3	1019·7	+ 3·3	290·1	295·1	2nd	280·1	274·2	24th	285·1	284·6	- 2·5	34	..
338a	Hamburg	53 33	9 58	40·3	1012·0	1016·9	+ 0·6	288·1	295·5	1st	281·3	275·5	24th	284·7	284·4	- 2·3	87	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1013·9	1014·5	- 0·8	287·6	292·6	1st	280·7	273·9	23rd	284·1	284·3	- 2·2	75	..
340	Potsdam	52 23	13 4	84·9	1006·1	1016·4	- 0·4	288·8	298·2	1st	281·2	275·6	27th	285·0	284·4	- 0·8	77	..
340a	Uppsala	59 51	17 38	24	1008·7	1011·6	- 1·1	285·4	294·0	16th	276·4	270·1	23rd	280·9	280·8	- 1·9	46	..
341	Warsaw	52 13	21 3	88·3	1002·7	1013·4	- 4·8	287·6	299·7	3rd	281·0	274·1	27th	284·3	284·1	- 2·4	92	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	998·9	1008·7	- 5·5	285·6	293·7	3rd	278·2	269·0	28th	281·9	281·5	- 2·8	19	..
343	Leningrad	59 56	30 16	4·8	..	..	..									- 2·1	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	1001·8	1011·5	- 4·6	288·2	298·6	7th	281·1	275·3	29th	284·7	284·4	+ 0·4	54	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
422	Victoria, B.C.	48 24 N.	123 19 W.	70·1	1006·6	1015·1	- 1·1	289·4	293·6	13th	283·3	280·8	24th	286·3	286·1	- 0·1	58	+12
423	Portland, Oregon	45 32	122 41	46·6	1010·5	1015·9	- 0·8	294·9	304·7	4th	285·2	280·2	24th	290·1	289·5	+ 1·0	53	+ 6
424	Healed																	
425	Helena	49 44	113 24	953	..	..	..	292·9	303·6	4th	278·8	270·8	24th	285·9	285·7	+ 1·2	80	+43
426	Salt Lake City	46 34	112 4	1257	872·7	1013·2	- 1·8	292·8	305·2	4th	280·6	273·0	23rd	286·7	286·8	+ 0·5	30	- 1
427	Cheyenne	40 46	111 54	1329	866·2	1011·8	- 1·5	297·8	305·8	7th	285·5	278·6	24th	291·7	292·3	+ 0·4	14	-10
428	North Platte	41 8	104 48	1856	814·1	1012·2	- 1·3	296·9	303·6	10th	282·1	274·7	22nd	289·5	289·9	+ 2·7	19	-10
429	Bismarck	41 8	100 45	860	914·3	1011·5	- 3·4	302·5	313·6	5th	286·8	275·2	26th	294·7	294·5	+ 4·3	10	-25
430	Winnipeg	46 47	100 48	510	951·2	1010·8	- 3·8	297·8	313·6	7th	282·9	275·8	26th	290·3	290·5	+ 2·8	71	+39
431	Duluth	46 53	92 7	232	983·0	1010·4	..	294·3	308·6	7th	282·7	273·6	18th	288·5	287·6	+ 3·4	82	+26
432	Fort Arthur	46 47	92 6	345	971·9	1012·8	- 2·4	294·4	306·3	8th	284·3	275·8	24th	289·3	288·6	+ 3·4	92	+ 5
433	Chicago	48 27	89 12	196	989·1	1012·3	- 3·3	292·3	298·6	5th,9th	283·1	278·0	24th,25th	287·7	287·6	+ 3·1	139	+55
434	Toronto	41 47	87 35	205	991·9	1016·2	- 1·0	299·2	307·4	10th	290·4	283·0	29th	294·8	294·0	+ 2·7	131	+52
435	New York (Central Park)	43 40	79 24	116	1001·9	1015·5	- 2·5	297·5	308·6	11th	286·6	278·6	25th	292·1	292·3	+ 3·4	55	-13
436	St. John, N.B.	40 47	73 58	47·4	1010·7	1016·2	- 2·6	300·4	310·2	11th	290·4	282·4	25th	295·4	295·0	+ 2·5	40	-49
437	S.W. Point, Anticosti	45 17	66 4	36·3	1009·8	1014·2	..	289·8	294·7	1st,11th	282·7	277·4	26th,30th	286·3	285·9	+ 0·1	132	+37
438	Sable Island (Main Station)	49 24	63 33	9·1	1010·0	1011·1	..	284·3	290·8	5th	280·0	274·7	21st	282·2	282·3	- 0·1	79	+10
439	St. John's, Newfoundland	43 57	60 6	7·6	1012·4	1013·3	..	291·2	296·3	4th	286·6	281·9	23rd	288·9	288·7	+ 0·6	195	+109
440	Madrid	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
441	Mantes	40 24	3 41	667	940·7	1016·5	- 0·1	298·8	305·5	2nd	284·9	281·2	13th	291·9	291·1	+ 0·2	1	-34
442	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1016·1	1020·5	+ 2·8	290·2	293·9	19th	281·7	276·8	30th	286·0	285·8	- 2·8	35	-19
443	Marseille	48 49	E. 2 30	50·3	1015·0	1021·1	+ 3·3	290·3	297·2	2nd	280·8	274·7	24th	285·6	285·3	- 2·4	33	-20
444	Zürich	43 18	5 23	75	..	1016·2	0·0	294·5	299·7	1st,2nd	284·1	275·7	25th	289·3	288·6	- 3·5	85	+24
445	Rome	47 23	8 33	493	961·3	1019·7	+ 1·2	288·4	297·4	2nd	279·4	272·9	24th	283·9	283·1	- 3·9	92	-11
446	Vienna	41 54	12 29	45·5	1009·9	1015·2	- 1·4	296·9	302·6	4th	286·6	281·2	23rd	291·7	291·5	- 2·3	39	-26
447	Budapest	48 15	16 22	203	992·3	1016·7	- 0·9	287·8	297·4	4th	281·5	275·4	25th	284·6	284·6	- 3·9	138	+88
448	Sofia	47 31	19 1	130	1000·0	1015·7	- 1·8	290·9	303·6	4th	282·3	277·1	27th	286·6	285·9	- 3·2	43	-12
449	Bucharest	42 42	23 20	550	951·8	1015·5	- 2·3	292·7	306·6	5th	283·6	271·5	28th	288·1	287·8	- 1·5	72	+19
450	Odessa (Observatory)	44 25	26 6	82	1005·4	1015·2	- 2·3	294·8	307·4	5th	284·0	273·0	28th	289·4	288·8	- 1·7	46	+ 6
451	Novorossiisk	46 26	30 46	42·8	..	..	..	292·0	..	..	284·7	..	..	288·3	..	- 1·4	..	..
452	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
453	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
454	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
455	Krasnovodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456	Kasalinsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
457	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
458	Andijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
459	Aksu Ata	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
460	Wouaden	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Joshin																	
462	Yaki	41 46	123 24	44·3	1006·1	1011·3	- 2·5	297·9	302·1	1st	285·4	277·9	29th	291·7	291·0	+ 1·3	76	- 2
463	Vladivostok	40 40	129 12	31·9	1009·4	1013·2	- 0·6	294·6	298·6	5th	286·2	280·1	30th	290·4	290·3	- 0·4	163	+45
464	Ochiai	42 20	130 24	63·8	1005·6	1013·2	- 0·4	292·5	297·3	6th	285·3	276·6	30th	288·9	289·0	- 0·6	168	+62
465	Memoro	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466	Syuna	47 20	142 47	27·4	1009·3	1012·6	0·0	292·0	298·5	26th	282·1	276·8	3rd	287·1	287·0	+ 1·3	111	- 3
		43 20	145 35	26·7	1012·2	1015·4	+ 1·5	292·2	298·6	13th	285·9	283·2	21st	289·1	288·5	+ 0·4	82	-59
		45 14 N.	147 53 E.	39·3	1010·6	1015·3	+ 1·4	290·8	295·5	27th	282·6	276·5	5th	286·7	286·7	+ 0·4	96	- 1

BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
502	San Francisco	N. 37 48	W. 122 26	47·2	1007·8	1013·5	- 0·7	294·2	303·0	30th	285·9	284·1	1st	290·1	289·5	+ 1·6	0	- 8
503	Sacramento	38 35	121 30	21·0	1009·5	1011·8	- 0·4	300·6	309·7	13th	284·9	281·3	9th	292·8	292·9	- 0·9	0	- 7
504	San Diego	32 43	117 10	26·5	1008·1	1011·2	- 1·1	297·2	303·0	21st	290·7	288·0	11th	293·9	293·7	+ 1·5	0	- 2
505	Modena	37 48	113 54	1668	833·0	1011·2	- 1·7	298·3	302·4	2nd	279·6	271·9	25th	289·0	289·3	+ 0·8	10	-16
506	Santa Fé	35 41	105 57	2138	790·4	1012·2	- 0·1	296·6	302·4	4th	284·4	276·3	21st	290·5	290·2	+ 1·6	117	+78
507	Denver	39 45	105 0	1613	837·4	1011·8	- 1·8	300·3	307·4	9th	285·9	276·9	23rd	293·1	293·4	+ 3·2	6	-20
508	Abilene	32 23	99 40	530	953·9	1013·2	- 0·9	307·9	310·8	5th	295·2	290·2	30th	301·6	300·5	+ 4·5	2	-63
509	Saint Louis	38 38	90 12	173	995·6	1015·9	- 1·3	303·1	308·6	15th	292·8	283·6	27th	297·9	297·7	+ 3·7	144	+63
510	Mobile	30 41	88 2	17·4	1014·9	1016·9	+ 1·1	304·8	308·6	8th	295·0	285·2	29th	299·9	299·0	+ 1·8	49	-84
511	Nashville	36 10	86 47	166	998·6	1017·9	+ 0·1	304·3	309·7	18th	291·9	280·8	29th	298·1	297·9	+ 2·9	39	-49
512	Charleston	32 47	79 56	14·6	1016·6	1017·9	+ 0·8	302·6	309·7	18th	295·3	286·3	28th	298·9	299·0	+ 1·3	53	-73
513	Washington	38 54	77 3	34·1	1012·8	1016·9	- 1·8	301·9	309·1	22nd	290·8	282·4	29th	296·4	296·0	+ 3·3	71	-16
514	Bermuda	32 17	64 46	38·1	1013·8	1018·2	..	304·1	306·9	25th	296·1	294·1	12th	300·1	299·1	+ 0·3	62	-70
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1016·7	1022·2	+ 0·4	296·3	299·1	30th	291·6	289·7	27th	293·9	293·6	- 0·3	56	-9
531	Horta	38 32	28 38	65	1013·5	1021·3	- 0·2	297·2	299·7	1st	290·9	289·2	20th	294·0	293·7	- 0·5	37	-7
532	Ponta Delgada	37 44	25 40	22	1018·1	1020·7	- 0·1	295·7	298·3	1st	291·1	289·6	30th	293·4	293·5	- 0·3	94	+3
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	3	-87
533	Madeira (Funchal)	32 38	16 55	25	1015·7	1018·6	- 0·6	297·7	299·4	4th,7th	291·8	290·0	23rd	294·8	294·9	- 0·3	21	+1
535	Lisbon	38 43	9 9	95	1005·4	1016·6	- 0·3	297·4	301·8	21st	289·3	286·4	5th	293·4	292·9	- 0·5	37	+1
536	Gibraltar	36 6	5 21	27·4	..	1016·3	- 1·1	298·9	304·1	3rd	291·0	286·9	13th	294·9	293·8	- 0·5	..	..
536a	Colomb-Béchar	31 37	W. 2 13	769	..	..	..	..	..	..	..	..	..	..	..	..	..	..
537	Palma	39 34	E. 2 39	23	1014·3	1017·0	- 1·2	298·6	303·6	3rd	288·5	282·4	25th	293·6	293·1	- 2·7	24	+1
538	Algiers	36 46	3 13	59	1009·4	1016·3	- 0·1	298·2	307·0	3rd	292·6	289·0	27th	295·4	295·2	- 1·0	36	+5
538a	Gadames	30 18	9 30	351	..	..	..	313·9	322·4	11th	294·0	287·1	30th	303·9	..	+ 2·5	13	+1
539	Tunis	36 48	10 10	66	1007·7	1015·3	- 1·0	300·5	315·5	11th	290·7	284·9	26th	295·6	295·5	- 1·3	17	-4
540	Malta	35 54	14 31	71·2	..	1015·3	- 0·6	299·6	306·9	12th	293·7	289·7	26th, 27th	296·6	295·9	- 0·8	10	-7
541	Athens	37 58	23 43	107	1001·0	1013·3	- 1·8	302·4	311·4	6th	292·2	285·0	26th	297·3	296·3	+ 0·7	0	-7
542	Alexandria	31 12	29 53	32·0	1009·2	1012·9	- 0·7	304·3	312·0	24th	295·9	292·8	30th	300·1	299·3	+ 1·1	..	..
543	Ankara	39 58	32 48	861	915·9	1011·4	- 3·8	300·4	308·5	15th	284·3	271·5	29th	292·3	292·7	+ 1·3	22	-3
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1009·8	- 0·6	307·7	314·7	15th	291·7	285·8	28,29,30	299·7	..	+ 1·9	3	+1
544	Beirut	33 54	35 28	33·7	..	1010·5	- 1·4	305·0	311·8	15th	297·4	292·9	30th	301·2	300·9	+ 1·9	9	+5
545	Hinaidi	33 17	44 29	32·9	1002·2	1006·0	- 0·4	314·5	319·1	5th	295·8	291·3	28th	305·2	305·6	+ 1·5	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	0	-7
547	Tehran	35 41	51 25	1220	872·3	1000·7	..	303·5	307·7	1st	292·4	290·6	27th, 30th	297·9	297·7	+ 0·1	0	-7
548	Meshed	36 17	59 36	946	..	..	..	303·3	308·1	1st	..	..	..	..	..	..	..	..
549	Seistan	31 2	61 30	?610	951·6	..	..	306·8	311·9	1st	291·7	284·9	27th	299·3	..	- 0·1	0	-7
550	Quetta	30 10	67 1	1647	833·7	..	- 0·7	303·9	308·0	1,2,3	283·6	279·7	13th	293·7	293·5	+ 0·9	9	+1
551	Peshawar	34 1	71 35	355	965·4	1004·7	- 0·9	309·3	311·3	3rd, 5th	296·3	293·6	18th, 19th	302·8	302·2	+ 1·4	57	+49
551a	Lahore	31 35	74 20	214	980·8	1004·7	- 0·3	307·9	311·3	24th	296·6	294·1	14th	302·3	301·8	- 0·5	268	+1
552	Simla	31 6	77 10	2202	780·7	..	- 0·2	292·1	294·1	23rd	286·7	285·2	18, 25, 26	289·4	289·2	- 0·3	14	-1
552a	Leh	34 9	77 34	3503	667·5	..	+ 0·2	293·9	297·4	13th	279·7	276·9	18th, 21st	286·7	285·5	+ 0·4	..	..
558	Sian	34 31	109 5	365	968·6	1009·7	..	304·0	311·0	17, 21, 22	294·6	284·0	30th	299·3	297·6	..	41	-1
559	Hankow	30 35	114 17	39·1	1009·2	1013·7	+ 0·3	301·2	305·5	27th	295·4	285·6	28th	298·3	298·1	+ 1·3	69	+2
560	Tientsin	39 9	117 9	6·4	1012·3	1013·0	- 1·6	301·9	305·4	20th	289·2	280·8	29th	295·5	295·0	+ 1·2	20	-4
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1011·7	1012·5	+ 0·3	300·0	305·9	2nd	292·7	286·4	29th	296·3	295·5	- 0·3	342	+2
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1005·3	1013·5	+ 0·7	297·7	301·6	24th	289·4	283·1	30th	293·5	293·3	0·0	306	+1
562a	Nagasaki	32 44	129 52	144	997·2	1012·5	+ 1·1	300·3	304·4	10th	293·2	288·1	30th	296·7	296·3	- 0·2	112	-1
563	Kyoto	35 1	135 44	42·9	1008·2	1013·2	+ 1·2	302·0	307·2	9th	291·6	283·2	30th	296·8	296·2	+ 1·0	228	+1
564	Tokyo	35 41	139 46	5·8	1013·4	1014·1	+ 0·9	299·4	305·1	12th	292·2	289·9	23rd	295·8	295·5	+ 0·6	87	-3
565	Hakuzima	37 45	140 28	68·5	1006·8	1014·8	+ 1·5	298·3	304·3	11th	289·4	283·0	22nd	293·9	293·2	+ 0·2	241	+1
566	Miyako	39 38	141 59	30·4	1011·0	1014·6	+ 1·1	296·6	303·5	13th	287·6	283·9	21st	292·1	291·5	+ 0·1		

SEPTEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1012·7	1013·4	..	303·7	309·1	7th	294·2	291·9	20th	298·9	298·3	+ 0·4	163	+66
605	Honolulu	21 19	157 52	11·6	1014·2	1015·6	- 0·3	300·7	301·9	21st	296·2	294·7	7th	298·4	298·3	- 0·2	93	-3
613	♯Guaymas	27 55	110 53	8·3	1008·1	1009·0	+ 0·1	308·2	313·0	4th	299·5	295·5	13th	303·9	303·5	+ 0·6	82	+3
614	La Paz, Mexico	24 10	110 20	12	1005·7	1007·0	..	305·1	308·5	7th	299·5	296·2	12th	302·3	302·0	- 0·6	68	+2
615	Leon	21 7	101 41	1809	820·4	1008·6	- 1·5	299·0	302·3	3rd	286·7	282·2	30th	292·9	292·0	+ 0·8	20	-4
616	♯Monterry	25 40	100 18	528	953·6	1012·2	0·0	303·5	306·0	25th	294·5	292·2	30th	299·0	298·6	- 0·9	234	+2
617	Tulancingo	20 5	98 22	2181	790·4	..	+ 0·5	293·4	298·8	2nd	283·9	281·0	15th	288·7	287·9	+ 1·6	54	-1
618	Galveston	29 18	94 50	16·5	1014·5	1016·6	+ 1·2	303·3	307·4	9th	298·7	294·1	29th	301·0	300·8	+ 1·6	..	..
618a	New Orleans	29 57	90 4	16·2	1014·5	1016·2	+ 1·0	305·0	308·6	8th	296·9	289·7	28th	300·9	300·3	+ 0·1	122	+1
619	Merida, Yucatan	20 58	89 38	22	1010·1	1012·6	- 0·6	304·1	306·0	12th	297·0	295·6	25th	300·5	299·5	..	132	+2
620	Havana	23 7	82 25	77·0	1004·3	1013·1	- 0·8	304·0	306·1	13th	296·7	294·8	10th, 30th	300·3	299·7	- 0·2	234	+8
620a	Key West	24 33	81 48	6·7	1013·5	1014·2	+ 0·3	303·7	305·2	9th	297·9	294·1	6th	300·8	300·7	+ 0·2	87	-1
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·3	+ 3·9	304·9	306·3	3, 4, 19	296·9	294·7	7th	300·9	300·7	+ 0·2	..	..
622	San Salvador (Watling Island)	24 6	74 26	33·5	1011·9	1015·7	+ 0·6	..	304·7	27th	..	296·9	26th	..	300·8	- 0·2	74	-1
633	Port Etienne	20 56	17 3	4	1013·6	..	..	304·2	312·0	18th	290·2	286·6	22nd	297·2	295·1	..	14	+1
634a	Isaña	28 19	16 30	2367	770·8	..	- 0·7	290·2	295·6	3rd	282·5	275·3	30th	286·4	285·8	- 0·5	7	-1
634	Le Laguna	28 28	16 20	547	953·0	1015·4	- 1·1	297·1	303·9	7th	288·0	285·2	30th	292·6	292·0	- 1·1	..	..
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	0	-1
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	864·7	1004·4	..	307·4	309·5	5th	293·4	289·0	19th	300·4	301·0	..	0	-1
639	Sebha	27 1	14 27	424	..	..	..	311·5	315·2	16th	296·5	293·0	5th	304·0	..	..	0	-1
640	Hon	29 8	15 56	263	..	..	..	311·8	318·2	20th	291·8	284·1	6th	301·8	..	..	0	-1
641	Giarabub	29 44	24 30	12	..	..	..	309·9	313·6	18th	292·4	289·5	5th	301·1	..	+ 1·5	0	-1
642	Siwa	29 12	25 29	-23	1016·3	1013·7	- 0·4	309·5	314·2	24th	292·6	290·0	28th, 30th	301·1	300·1	..	0	-1
643	Cairo (Helwan)	29 52	31 20	116	998·3	1011·5	- 0·8	306·3	311·0	22nd	294·4	291·9	30th	300·3	300·3	+ 1·6	..	..
643a	Aswan	24 2	32 53	100	996·7	1007·8	- 0·7	313·6	318·0	15th, 16th	298·1	294·0	30th	305·9	305·1	+ 1·5	0	-1
644	Tor	28 14	33 37	1·9	1007·8	1008·0	- 0·4	306·0	312·0	16th	297·2	292·5	13th	301·6	301·3	+ 1·5	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1003·2	1003·8	..	308·1	313·5	7th	300·4	296·9	26th	304·3	303·8	+ 1·0	0	0
648	Jask	25 45	57 45	4·0	1003·9	1004·3	..	308·8	312·7	20th	301·3	298·7	25th	305·1	304·6	+ 1·5	0	0
649	Karachi	24 48	66 59	4·0	1005·8	1006·3	- 0·5	302·3	303·0	sev.dates	297·2	295·8	27, 28, 29	299·8	299·3	- 0·4	0	-11
650	Jacobabad	28 17	68 29	56·7	997·1	1003·4	- 0·9	312·3	314·7	22nd, 23rd	298·7	295·8	17th	305·5	304·9	+ 0·3	0	- 5
651	Jaipur	26 55	75 50	436	958·3	1006·4	+ 0·2	306·8	310·2	19th	296·1	293·6	13th	301·4	300·7	- 0·3	13	-74
652	Nagpur	21 9	79 7	310	971·2	1005·6	- 0·7	304·8	306·9	5 days	296·4	294·1	9th, 10th	300·6	299·9	+ 0·2	188	-21
653	Allahabad	25 26	81 50	94·2	994·5	1005·1	- 0·2	305·7	309·1	2nd, 30th	298·4	296·9	4 days	302·1	301·4	0·0	325	+181
654	Darjiling	27 3	88 16	2265	776·0	..	- 0·1	290·9	293·0	1st	286·7	284·7	5th	288·8	288·6	0·0	643	+176
655	Calcutta	22 32	88 20	6·4	1005·4	1006·2	+ 0·4	305·1	307·4	12th	299·3	296·9	9th	302·2	302·0	+ 0·9	321	+71
655	Gauhati	26 11	91 45	59·7	1001·0	1007·7	+ 0·3	304·0	306·9	29th	296·1	294·1	11th	300·1	299·2	- 1·2	167	- 6
655a	Cherrapunji	25 15	91 44	1313	867·7	..	+ 0·6	295·7	298·6	21st, 28th	291·2	289·1	12th	293·5	293·0	0·0	970	+ 5
656	Akyab	20 8	92 55	8·8	1007·2	1008·2	+ 0·5	303·0	305·2	20, 21, 28	298·2	296·9	sev.dates	300·6	300·5	- 0·2	498	-75
657	Mandalay	21 59	96 6	76·2	999·6	1008·2	- 0·2	305·9	309·1	21st	298·6	296·3	13th	302·2	301·4	- 0·2	220	+75
658	Tengyueh	25 0	98 40	1634	833·8	1005·2	..	296·4	299·7	4th	289·4	286·9	17th	292·9	292·1	+ 0·2	..	..
659	Pak Lien	20 48	106 38	116	..	1008·5	+ 0·4	303·3	307·6	25th	296·8	289·3	30th	300·0	299·4	- 0·5	393	+91
660	Monkay	21 31	107 58	9·0	..	1008·4	+ 0·5	304·8	308·3	25th	297·4	291·2	30th	301·1	300·4	+ 0·3	181	-138
661	Hongkong	22 18	114 10	33·2	..	1008·2	- 0·1	302·9	306·0	24th	298·3	291·6	30th	300·6	300·2	+ 0·4	341	+95
662	Amoy	24 26	118 4	4·9	1009·3	1009·8	+ 0·1	303·1	307·4	26th	299·4	294·7	30th	301·3	301·1	+ 0·1	467	+358
663	Taiboku, Formosa	25 2	121 31	9·3	1008·3	1009·3	+ 0·1	305·0	308·3	1st	296·5	293·4	30th	300·7	300·0	+ 0·8	198	-51
664	Basco	20 28	121 59	18·7	..	1007·6	+ 0·9	303·8	305·3	3rd	298·2	295·9	13th	301·0	300·6	+ 0·1	663	+342
665	Aparri	26 12	127 39	29·5	1007·4	1010·8	+ 1·9	302·8	304·1	6th, 15th	297·8	295·6	30th	300·3	300·1	+ 0·5	108	-74
665	Yitiima (Bonin Islands)	27 5	142 11	4·3	1012·7	1013·2	+ 1·5	304·5	305·8	10th	297·8	295·9	13th	301·1	300·7	+ 0·9	58	-73
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

SEPTEMBER - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
706	♯Colima	19 12	103 45	498	955·6	1011·2	+ 0·6	302·8	306·0	4th	294·0	292·0	28th	298·4	297·5	- 0·4	194	+13
707	♯Morelia	19 42	101 7	1923	809·4	1008·8	- 0·4	295·0	297·2	4th	287·6	286·3	6th	291·3	290·8	+ 0·3	188	+47
708	♯Mexico, Tacubaya	19 24	99 12	2309	775·1	..	+ 0·3	295·0	298·1	2nd	284·2	281·8	3rd	289·6	288·1	- 0·4	162	+44
709	Salina Cruz	16 12	95 12	56	1004·0	1010·4	- 0·8	302·9	305·8	3rd	295·5	294·5	23rd	299·2	299·5	- 0·6	223	+46
710	San Salvador	13 42	89 13	682	937·0	1012·5	+ 0·8	304·9	307·6	1st, 2nd	292·2	290·0	1st	298·5	296·4	+ 0·3	234	-59
711	Belize	17 31	88 11	5·2	..	..	..	..	..	..	..	..	..	..	..	..	783	+553
712	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·0	- 0·2	304·9	307·3	4th	296·3	294·5	19th	300·6	300·2	+ 0·6	161	- 9
713	Fort au Prince	18 33	72 20	37·4	1008·5	1012·8	- 0·4	305·6	307·6	29th	296·3	294·3	12th	301·0	300·4	+ 0·4	88	-97
714	Caracas	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
715	San Juan, Porto Rico	18 29	66 7	25·0	1010·5	1013·5	- 0·7	302·6	305·8	11th	297·3	295·2	3rd	300·0	299·6	+ 0·1	269	+96
716	Grenada (Richmond Hill)	12 5	61 46	188	992·2	1013·5	+ 1·3	304·1	305·8	9th	296·7	295·2	7th	300·4	299·8	+ 0·6	329	+126
717	Barbados	13 8	59 36	57·9	..	1012·7	- 0·1	303·3	303·8	sev.dates	296·2	295·2	2nd, 29th	299·8	299·7	+ 0·1	249	+57
718	♯S. Vicente, C. Verde Is.	16 54	25 4	11	1012·5	1013·7	+ 0·6	300·9	303·0	16th, 19th	297·3	296·0	28th, 29th	299·1	299·0	0·0	25	-23
718a	♯San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	♯Dakar	14 40	17 26	32	1007·3	1010·9	..	304·7	307·0	28th	298·0	295·1	25th	301·3	301·3	+ 0·2	165	+29
720	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·9	308·0	1st	297·4	293·6	29th	299·7	300·1	+ 0·1	414	+133
721	Nimdébalé	12 57	7 26	300	..	..	..	304·6	308·0	3rd	294·7	293·0	4, 5, 19	299·7	298·5	..	222	..
722	Kabara	16 45	W. 3 1	273	..	..	..	312·3	316·8	27th	298·0	295·1	9th	305·2	304·2	..	98	..
723	Sokoto	13 2	E. 5 14	354	..	..	..	305·1	310·2	5th	295·2	292·4	2nd	300·1	299·3	- 0·5	240	+121
724	Kaduna Capital	10 32	7 25	597	944·1	1014·9	..	303·4	304·7	22, 23, 25	293·2	291·6	16th	298·3	297·6	+ 1·0	235	-57
725	Bilma	18 41	12 55	356	..	..	..	314·9	316·8	15th	295·6	291·2	16th	305·3	306·2	..	18	..
726	Maiduguri	11 47	13 11	361	..	..	..	306·7	313·0	29th	..	..	..	..	‡299·3	- 1·0	209	+106
727	El Fasher	13 32	25 18	730	926·8	1005·8	..	308·6	313·0	24, 26, 27	294·0	292·0	17, 23, 30	301·3	300·1	+ 0·5	37	+ 6
728	El Obeid	13 11	30 14	563	946·7	1008·6	+ 1·9	306·7	310·0	20th	293·3	290·3	25th	300·0	299·5	- 0·3	105	+25
729	Khartoum	15 37	32 33	390	964·6	1007·1	- 0·2	311·5	315·4	25th	298·7	295·0	14th	305·1	305·2	+ 0·4	10	- 8
730	Port Sudan	19 37	37 13	5·5	1006·7	1007·3	- 0·1	311·4	316·5	20th	300·7	298·4	20th	306·1	305·6	+ 1·1	0	0
731	Berbera, Somaliland	10 26	45 2	13·8	1004·1	1005·6	- 0·9	311·7	315·2	2nd, 3rd	301·4	299·1	28th	306·6	305·9	0·0	11	+ 9
732	Aden	12 49	45 2	29·9	1004·6	1008·0	+ 0·6	308·1	310·2	26th	301·1	295·8	10th	304·6	304·2	+ 0·5	50	+46
733	Bombay	18 54	72 49	11·3	1007·4	1008·7	- 0·6	303·3	304·7	20th	297·9	295·8	18th	300·6	300·3	+ 0·4	114	-153
734	Kodaikanal	10 14	77 28	2343	770·3	..	+ 0·1	290·6	291·9	4, 10, 19	284·4	283·6	1st, 9th	287·5	287·1	+ 1·1	169	-15
735	Bangalore	12 58	77 35	921	908·6	1008·9	- 0·3	301·4	304·7	4th, 6th	291·8	290·8	21, 29, 30	296·6	295·6	+ 0·5	267	+90
736	Madras	13 4	80 15	6·7	1006·6	1007·4	- 0·9	306·2	310·2	3rd	298·3	296·9	5 days	302·3	301·8	- 0·1	217	+90
737	Viregapatam	17 42	83 18	38·4	1001·2	1005·5	- 0·5	303·9	308·0	8th	299·1	296·9	24th	301·5	300·9	- 0·4	144	-21
738	Port Blair	11 40	92 43	18·0	1006·9	1008·9	- 0·5	302·6	304·7	7th	298·1	295·8	27th	300·3	299·7	+ 0·2	316	-142
739	Rangoon	16 46	96 11	5·5	1008·5	1009·2	+ 0·2	303·6	305·8	9th, 28th	298·2	296·3	4th, 5th	300·9	300·0	+ 0·7	455	+68
740	Cap St. Jacques	10 20	107 5	180	..	1009·4	..	302·8	304·6	7th	296·6	294·8	30th	299·7	299·2	+ 0·2	81	-99
741	Nhatrang	12 15	109 12	3·6	..	1007·8	..	304·4	306·4	2nd	297·1	296·3	18th, 26th	300·8	300·3	0·0	123	-45
742	Bolinao	16 23	119 53	2	..	1007·7	+ 1·6	304·6	306·2	18th	297·6	296·0	1st	301·1	300·9	+ 0·9	228	-265
743	Vigan	17 34	120 23	12·2	..	1007·2	+ 0·5	304·6	306·5	19th, 20th	297·6	294·0	12th	301·1	300·6	+ 0·5	229	-240
744	Manila	14 35	120 59	14·2	..	1008·4	+ 1·2	304·7	307·8	10th	297·3	296·0	13th	301·0	300·2	+ 0·4	330	-27
745	Dragon	11 0	124 36	5·6	..	1007·8	+ 0·4	304·6	306·4	9th, 10th	295·5	293·4	9th	300·1	299·5	- 0·2	328	+48
746	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·5	+ 1·3	?304·2	?305·8	9th	297·7	296·2	12th	300·9	301·0	+ 0·7	218	-160
747	Saipan	15 14	145 46	207	986·8	1006·9	..	302·6	304·4	9th	297·1	295·3	24th	299·9	299·5	..	189	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·6	1010·2	- 1·2	..	..	..	297·4	295·8	23rd	..	‡302·8	0·0	10	-75
821	∮Cristobal	9 23	79 54	11·0	..	1010·2	- 0·2	303·7	305·8	3rd	297·5	296·9	13th	300·6	299·8	+ 0·7	209	+107
822	Bogota	4 36	74 5	2645	747·0	..	+ 0·9	291·9	294·9	4th	283·0	280·8	18th	287·5	286·8	+ 0·2	70	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	984·4	1008·8	- 1·3	..	..	..	..	..	..	..	..	..	97	-27
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·5	- 0·7	303·9	304·7	7,10,12	297·8	296·3	14th,19th	300·9	300·5	+ 0·5	113	+45
826	Paramaribo	5 49	55 9	3·7	1011·7	1012·1	- 0·8	306·3	307·8	22nd	296·4	295·3	28th	301·3	301·2	+ 0·6	94	+ 7
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	40	-24
833	Konakri	9 31	13 43	12·5	..	..	..	302·1	304·2	sev.dates	296·6	294·2	19th	299·3	299·4	+ 0·6	840	+362
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1005·6	1011·9	+ 0·3	301·3	303·6	25th	..	..	..	..	‡298·4	..	693	+324
835	∮Assuantsi	5 18	1 15	97·3	1000·3	1011·5	..	300·3	302·4	17th	294·6	293·0	6th	297·5	297·1	+ 0·1	98	+ 4
836	∮Accra	5 33	W. 0 12	17·7	1010·7	1012·7	- 0·4	301·5	303·0	22nd	296·1	294·1	1st,10th	298·8	298·4	+ 0·7	19	-17
837	∮Lagos	6 27	E. 3 24	3·0	1012·1	1012·5	+ 0·3	301·7	304·1	24th	296·8	294·1	25th,30th	299·3	298·6	+ 0·4	319	+177
838	∮Victoria, Nigeria	4 1	9 12	15·5	1010·0	1011·8	..	300·2	304·1	20th	294·6	292·4	21st	297·4	297·0	..	663	+521
839	Yola	9 12	12 30	259	..	..	..	..	..	..	295·3	293·3	24th	..	‡298·7	0·0	196	+107
841	Wau	7 42	28 3	440	960·0	1008·7	- 0·8	305·6	308·0	12,19,27	294·5	293·0	10,18,21	300·1	299·2	+ 1·0	269	+144
843	Malakal (Kodok)	9 35	31 37	394	966·3	1010·3	+ 0·4	304·1	308·0	4th	295·2	292·8	18th	299·7	298·6	- 0·1	277	+124
843a	Juba	4 53	31 35	475	956·8	1009·7	..	305·4	307·8	27th	292·8	290·8	21st	299·1	297·8	..	95	- 4
844	Entebbe	0 5	32 29	1171	..	..	..	298·9	300·8	1,26,27	290·1	288·4	12th	294·5	..	+ 0·1	81	- 9
844a	Kampala (Kololo Hill)	0 20	32 36	1310	869·1	1009·3	..	299·2	302·1	19th	289·8	288·5	17th	294·5	293·5	..	109	- 2
845	Sheikh	9 55	45 15	1463	..	..	..	301·1	303·0	7th	290·1	286·9	28th	295·6	294·9	..	68	-39
851	Minicoy	8 18	73 0	2·7	1010·8	1011·1	- 0·5	302·9	304·1	23rd	297·7	295·8	11th	300·3	299·7	..	242	+107
851a	Cochin	9 58	76 14	2·7	1010·7	1011·1	- 0·2	301·1	301·9	3,6,20	297·1	295·8	11,14,30	299·1	298·5	- 0·5	127	- 8
852	∮Colombo Observatory	6 54	79 52	7·3	..	1009·7	0·0	302·1	302·8	25th,27th	297·9	295·6	11th	300·0	299·4	- 0·3	141	+ 6
853	∮Nuwara Eliya	6 58	80 46	1881	812·9	1010·4	- 0·4	292·1	296·8	5th	285·3	282·2	30th	288·7	288·0	+ 0·5	229	+ 1
854	Trincomalee	8 35	81 15	30·2	..	1006·3	- 0·5	306·5	309·2	29th	297·7	295·6	6th	302·1	301·5	0·0	122	-70
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	241	+135
856	Medan	3 35	98 41	25·0	..	1009·2	- 0·5	303·6	305·3	6th	295·7	294·2	28th	299·7	298·8	+ 0·4	360	..
857	Butterworth	5 25	100 22	2·1	..	1009·2	..	303·8	306·3	5th	296·4	295·2	12th	300·1	299·8	..	144	-108
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·2	- 0·6	303·8	305·8	sev.dates	296·8	294·1	29th	300·3	299·7	..	249	-139
859	Sandakan	5 50	118 7	31·7	1002·3	1008·5	..	304·1	305·8	2nd,20th	296·8	295·8	16,21,27	300·4	300·5	- 0·2	109	+ 6
860	Iwahig	9 44	118 38	14·3	..	1007·5	+ 0·1	304·7	306·5	21st	295·7	294·4	16th	300·2	299·4	+ 0·3	264	+111
861	Tagbilaran	9 38	123 51	21·3	..	1008·2	+ 0·2	304·9	307·0	1,8,22	297·2	295·8	30th	301·1	300·0	- 0·3	266	+129
861a	Menado	1 30	124 50	8·5	..	..	..	304·3	307·5	7th	296·2	294·5	14th	300·3	299·7	0·0	152	- 9
862	Surigao	9 48	125 29	6·0	..	1008·5	+ 0·5	304·0	306·9	7th	297·1	295·9	5th	300·5	300·1	- 0·3	381	+170
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·9	+ 1·4	303·7	304·9	5th	297·9	296·5	10th	300·8	300·2	+ 0·4	321	- 5
864	Palau	7 20	134 29	31·8	1006·3	1009·9	+ 0·2	302·8	304·2	8th	297·5	295·7	19th	300·1	299·9	0·0	..	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·4	1009·8	..	303·3	304·9	25th	295·4	293·4	2nd	299·3	299·1	..	249	..

SEPTEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32 S.	172 31 W.	1·8	..	1011·4	..	302·9	304·6	20th	299·2	297·4	3rd,14th	301·1	300·8	..	261	..
920	Lambayeque	6 46	80 55	15	1012·6	1014·4	..	298·1	300·0	11th	289·8	288·6	20th	293·9	292·9	..	0	-54
921	Quito	0 14	78 30	2816	728·2	..	+ 0·3	296·6	299·2	24th	280·6	277·7	13th	288·6	286·6	+ 0·5	54	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 26	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	300·3	301·4	1st	294·2	292·4	12th	297·3	296·6	- 0·3	3	-19
939	Loanda	8 49	E. 13 13	59·3	..	1013·4	- 0·9	297·3	299·2	29th	292·7	290·0	1st,2nd	295·0	294·6	+ 0·3	1	-19
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	295·2	297·0	..	283·4	280·2	..	289·3	290·1	..	104	-104
943	Masaka	0 20	31 44	1280	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·6	1014·6	..	295·8	300·0	8th	285·0	282·3	10th	290·4	289·2	..	208	+107
944a	Zanzibar (Town)	6 10	39 12	17·1	1015·1	1017·0	- 0·6	301·7	303·6	29th	296·3	295·2	10th	299·0	298·0	+ 0·4	73	- 4
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	1012·8	1015·1	..	301·9	303·9	6th	295·4	293·4	1st	298·7	298·1	..	37	-40
947	Seychelles, Port Office	4 37	55 27	4·6	1012·2	1012·7	- 0·4	301·2	301·9	27th	297·2	295·2	10th	299·2	298·5	+ 0·1	4	-39
957	∮Padang	0 56	100 22	6·7	..	1010·1	- 0·6	..	..	..	296·7	295·3	27th	300·9	300·5	+ 1·0	773	+477
953	Batavia	6 11	106 50	8·0	1009·2	1010·1	- 0·4	305·2	306·8	20th	297·2	296·3	29th	300·9	299·9	+ 0·2	61	+17
958a	∮Pontianak	0 1	109 20	2·6	..	1009·8	0·0	304·6	307·8	3rd	297·2	296·3	29th	300·9	299·9	+ 0·2	534	+337
959	Pasuruan	7 38	112 55	5·0	..	1010·2	- 0·7	305·8	307·7	20th	295·4	292·7	28th	300·6	300·5	+ 0·7	0	-197
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	11	-186
962	Amboina	3 42	128 10	4·2	..	1010·0	- 0·7	302·0	303·8	27th	296·9	295·6	12th	299·5	299·1	+ 0·8	292	+107
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	260	+107
965	Daru	9 4	143 13	7·6	..	1011·9	- 0·2	302·4	..	..	297·4	..	..	299·9	299·5	+ 1·1	16	- 8
966	Port Moresby	9 29	147 9	38·4	..	1010·9	- 0·9	..	..	..	294·7	..	..	..	‡300·7	+ 1·0	8	-260
967	Rabaul	4 9	152 12	12·5	1007·8	1009·2	- 0·3	307·3	309·4	14th	295·6	294·2	14th	301·4	300·6	+ 0·7	26	-234
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?302·1	?303·3	9th	?298·1	?296·2	7th,13th	?300·1	?299·9	- 0·1	120	-107
970	Ocean Island	0 52	169 35	42·6	1005·1	1010·0	- 0·6	305·9	307·4	7th	298·8	296·9	16th,19th	302·4	301·7	+ 1·2	40	-187
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1014·1	1015·1	..	299·9	302·4	8th,13th	294·2	290·2	16th	297·1	..	..	93	..
1003	Apia, Samoa	13 48	171 46	2·0	..	1011·9	- 0·1	302·6	303·9	22nd	295·9	293·1	14th	299·3	299·1	0·0	139	+ 9
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1016 3	+ 0·7	300·9	303·0	23rd	292·5	288·0	18th	296·7	296·5	+ 0·1	90	-18
1021	Lima	12 5	77 3	111	1002·0	1015·2	..	291·8	294·4	12th	286·3	285·4	1st	289·1	288·2	..	8	..
1022	Africa	18 28	70 20	5	..	..	..	292·5	293·4	23rd	287·8	284·0	24th	290·1	289·6	+ 1·1	0	0
1022a	La Paz, Bolivia	16 30	68 8	3658	657·9	..	- 0·2	291·1	294·8	27th	276·6	273·7	5th	283·9	282·1	- 0·4	43	+15
1025	Coruaba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1027	Bello Horizonte	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1028	Cantite	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1029	Oudina (Bahia)	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1030	Arucaju	10 59	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1095	St. Helena	15 57	W. 5 40	579	948·5	1016·0	+ 0·1	288·3	292·4	30th	285·0	284·1	14,17,18	286·6	286·5	0·0	64	+ 9
1099	Mossamedes	15 12	E. 12 9	12·5	1014·4	1015·9	..	..	296·8	24th	..	285·0	sev.dates	..	..	..	0	0
1101	Livingstone	17 51	25 51	972	907·7	1012·8	..	307·1	313·0	20th	288·5	283·0	9th,12th	297·8	..	+ 0·3	0	- 2
1101a	Wilhelmsethville	11 39	27 28	1230	877·5	1009·4	- 0·1	304·5	307·9	1st	283·7	279·5	14th	294·1	..	- 0·4	0	- 3
1102	Gwelo	19 26	29 45	1411	864·7	1015·8	..	301·5	307·4	20,24,25	284·6	278·0	12th	293·1	..	+ 0·8	0	- 4
1103	∮Salisbury (Dept. Agric.)	17 48	31 5	1489	855·6	1014·4	+ 0·3	301·0	305·8	20th,25th	285·6	277·4	10th	293·3	292·7	+ 1·1	0	- 7
1104	Umtali	15 23	35 18	955	908·6	1012·2	- 1·0	300·9	304·1	19,24,27	287·8	281·3	11th	294·3	293·6	+ 0·5	11	+ 2
1105	Mvuazi	14 57	40 40	15	..	1016·9	..	302·6	306·3	8th	291·6	288·6	13th	297·1	297·3	..	7	..
1106	Antananarivo	18 55	47 33	1375	867·0	1016·4	- 0·8	299·1	304·6	26th	283·2	279·2	11th	291·1	289·7	+ 0·7	9	- 5
1095	Cocos, Keeling Is.	12 5	96 53	4·6	1012·1	1012·8	- 1·2	301·2	302·5	8th	297·4	296·1	25th	299·3	299·0	+ 0·2	168	+72
1096	∮Christmas Island	10 25	105 43	5·5	1009·7	1010·4	- 0·1	302·8	304·1	21,22,29	296·6	294·7	28th	299·7	299·2	0·0	29	-34
1060	Kupang	10 10	123 34	45·1	..	1011·0	- 0·7	307·2	310·3	30th	295·6	293·6	8th	301·4	300·6	+ 1·2	1	- 1
1062	Derby	17 18	123 40	16·2	1010·6	1012·4	- 0·9	307·8	312·9	30th	292·1	288·0	3rd,17th	299·9	..	+ 0·5	0	0
1063	Hall's Creek	18 13	127 46	373	970·9	1011·9	- 1·5	307·6	310·2	24th	290·3	284·7	20th,21st	298·9	298·4	+ 1·4	8	+ 3
1064	Daly Waters	12 28	130 51	29·6	1007·8	1011·2	- 0·4	305·6	309·0	18th	297·5	295·6	24th,28th	301·6	300·5	+ 0·5	34	+21
1065	Palmerville	16 16	133 23	211	987·4	1010·8	- 1·1	309·7	311·9	9,10,29	294·9	288·6	7th	302·3	301·8	+ 2·8	9	+ 3
1066	Georgetown, Queensland	15 56	144 8	210	988·5	1011·9	- 0·6	307·2	309·6	9th	290·6	287·0	24th	298·9	..	+ 1·0	15	+ 6
1066a	Willis Island	18 22	149 32	302	979·9	1013·7	- 0·4	306·0	309·8	10th	291·0	280·8	5th	298·5	..	+ 1·1	120	+111
1067	Samarai	16 18	149 59	8·5	1013·2	1014·3	- 0·2	300·6	302·3	12th	295·8	293·3	1st	298·2	298·2	+ 0·6	0	-17
1072	Suva, Fiji	10 37	150 40	6·1	..	..	..	302·4	..	..	296·8	..	..	299·6	299·4	+ 1·2	119	-149
		18 8 S.	178 26 E.	6·1	1013·8	1014·5	+ 0·3	299·3	301·9	11th	294·2	292·4	16,19,20	296·7	296·5	+ 0·1	186	- 9

BETWEEN LATITUDE 20° S. AND 30° S.

SEPTEMBER - ZONE 11 (AMERICA, AFRICA).

1201	Nukualofa, Tonga	21 8	175 12	3·0	1016·3	1016·7	..	298·3	301·3	20th	289·9	283·6	22nd	294·1	..	..	143	..
1202	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	299·0	301·3	5th	..	..	..	..	‡290·4	..	33	-81
1203	Punta Tortuga, Coquimbo	29 55	71 22	25	1015·4	1018·2	+ 0·6	287·7	290·1	19th	283·0	279·8	14th	285·3	285·3	- 0·7	20	+16
1204	∮Antofagasta	23 42	70 24	94	1003·5	1014·7	- 3·1	290·7	292·5	10th	283·8	280·6	17th,19th	287·3	286·8	- 0·6	1	0
1204a	Caldera	28 29	65 47	528	957·0	1018·0	+ 5·7	297·0	309·0	28th	282·4	277·5	12th	289·7	288·9	- 2·8	8	+ 1
1205	Iquique	24 46	65 24	1173	884·8	1015·1	+ 2·2	294·2	306·9	9th	279·3	271·2	2nd	286·8	287·2	- 3·1	1	- 7
1206	Goye	29 9	59 15	37	1014·6	1019·0	+ 3·8	295·4	302·7	28th	283·6	278·0	18th	289·5	289·1	- 1·3	24	-36
1207	Ascencion	25 17	57 41	139	1002·7	1019·1	+ 5·4	297·2	306·7	10th	287·1	282·0	18th	292·2	291·2	- 2·7	27	-59
1208	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1208a	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1209	∮Windhoek	22 34	E. 17 6	1727	832·5	1014·2	..	299·7	305·2	22nd	284·8	274·7	8th	292·2	291·9	+ 0·4	0	- 2
1210	Gobabis	22 27	18 58	1404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1211	Kimberley	29 36	17 52	933	913·1	1018·9	0·0	293·8	303·9	29th	279·9	274·8	7th	286·9	286·5	- 0·6	7	- 8
1212	Johannesburg	28 44	24 46	1218	883·0	1017·2	+ 0·6	297·7	306·6	23rd	281·3	270·8	8th	289·5	289·5	+ 0·2	0	-15
1213	Bulawayo	26 11	28 4	1806	825·1	1016·9	- 0·5	295·5	304·1	24th	282·0	268·8	8th	288·7	288·6	+ 0·5	11	-13
1214	Durban	20 9	28 35	1349	870·9	1016·3	+ 1·3	301·8	308·6	25th	284·1	276·3	9th	292·9	292·8	+ 0·2	0	- 4
1215	Lourenco Marques	29 52	31 3	15·2	1016·5	1018·3	- 2·5	295·8	299·7	30th	288·9	284·7	2nd,9th	292·4	291·9	+ 0·3	58	-23
1216	∮Mauritius	25 58	32 36	59·5	..	1018·2	- 1·0	300·2	318·4	24th	289·2	284·4	9th,11th	294·7	294·0	+ 0·4	11	-14
		20 6	57 33	55·2	1012·4	1018·9	- 1·2	298·7	300·1	8th	290·1	287·0	14th	294·4	294·1	+ 0·2	58	+22
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

SEPTEMBER - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1014·1	1014·6	+ 0·1	301·3	308·1	28th	285·9	278·8	3rd	293·6	..	- 0·9	0	- 7
1160	Cue	27 27	117 52	454	964·3	1016·2	0·0	296·9	308·1	21st	281·1	274·7	2nd	289·0	..	- 1·3	4	- 7
1161	Nullagine	21 53	120 5	386	..	..	..	303·2	309·7	23rd	283·6	273·8	3rd	293·4	..	- 1·3	1	- 7
1162	Laverton	28 40	122 23	466	962·5	1015·6	- 1·1	297·6	308·0	22nd	280·7	273·8	3rd	289·1	*289·1*	- 0·8	2	- 7
1163	Alice Springs	23 38	133 37	587	948·5	1014·2	- 0·4	300·4	307·6	24th	283·4	274·7	4th	291·9	*292·0*	+ 0·4	7	- 4
1164	William Creek	28 55	136 21	76·2	1007·1	1015·9	- 0·9	298·1	309·1	23rd	282·3	277·8	27th	290·2	*290·0*	+ 0·1	4	- 7
1164a	Boulia	22 55	139 38	146	996·6	1013·3	- 0·9	303·2	310·2	25th	286·4	278·6	4th	294·8	*294·9*	+ 0·1	17	- 7
1165	Thargomindah	27 58	143 43	123	1000·3	1014·5	- 1·3	299·0	308·2	25th	283·4	277·9	2nd	291·2	*291·0*	- 0·2	7	- 7
1166	Mitchell	26 32	147 52	336	977·0	1015·5	- 1·3	299·9	306·6	15th	281·8	274·7	5th	290·8	..	+ 1·3	6	- 7
1167	Rockhampton	23 24	150 30	11·3	1015·1	1016·3	- 0·6	300·9	305·6	15th	288·9	283·8	1st	294·9	*294·1*	+ 0·8	70	+ 1
1168	Brisbane	27 28	153 2	41·8	1012·4	1016·9	- 0·5	297·6	303·2	14th	286·1	280·2	1st	291·8	*291·3*	+ 0·3	23	+ 1
1170	Norfolk Island	29 4	167 59	14·9	1017·0	1018·8	- 1·0	292·1	294·9	27th	286·8	283·4	25th	289·4	*289·0*	- 0·5	108	+ 1

SEPTEMBER - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	◊Juan Fernandez	33 37	78 52	6	1023·0	1023·7	+ 1·7	288·2	292·0	24th	282·8	279·0	9th,11th	285·5	*285·2*	- 0·2	59	- 2
1221a	Punta Tumbes	36 37	73 6	120	1004·6	1019·3	+ 1·0	285·9	288·8	23rd	280·4	277·8	13th	283·1	*282·8*	- 0·6	21	+ 1
1222	◊Punta Angeles, Valparaiso	33 1	71 38	41	1014·1	1019·1	+ 1·1	289·6	294·6	20th	281·5	278·4	12th	285·5	*284·9*	- 0·4	46	+ 1
1222a	Santiago	33 27	70 42	520	957·7	1019·0	+ 1·3	290·1	297·5	20th	279·2	273·0	16th	284·7	*283·7*	- 0·4	44	+ 1
1223	Cordoba	31 25	64 12	423	969·8	1019·7	+ 4·0	292·6	303·4	8th	279·4	273·4	20th	286·0	*285·6*	- 2·2	28	+ 1
1224	Bahia Blanca	38 45	62 16	28·7	1018·6	1022·1	+ 4·8	291·1	300·8	24th	278·2	270·3	5th	284·6	*284·2*	- 1·0	6	- 7
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1019·1	1022·1	+ 4·0	290·2	296·0	8th	280·0	273·0	5th	286·0	*284·9*	- 0·9	53	- 7
1226	Montevideo (Prado)	34 52	56 12	24·9	1020·1	1023·4	+ 5·8	289·3	297·7	8th	279·5	273·0	6th	284·4	*284·4*	- 1·5	35	- 7
1226a	Porto Alegra	30 2	W. 51 13	23·5	1017·6	1020·4	+ 3·2	291·3	298·2	8th	283·8	275·4	6th	287·5	*287·4*	- 2·1	52	- 7
1239	Cape Town	33 56	E. 18 29	12·2	1017·9	1019·4	+ 0·6	291·4	306·7	28th	283·9	278·1	25th,27th	287·7	*286·4*	+ 0·3	57	- 7
1240	◊Danger Point	34 37	19 18	27·7	..	..	..	290·2	304·7	28th	284·4	278·6	7th	287·3	..	+ 0·4	25	- 7
1240a	Klaver	31 47	18 37	41·8	1015·8	1020·8	- 0·3	295·6	310·0	28th	284·1	277·8	1st	289·8	..	+ 0·1	23	- 7
1241	◊Riversdale	34 6	21 16	105	1009·1	1021·7	..	295·1	311·5	29th	279·8	271·6	26th	287·5	..	- 0·1	8	- 7
1242	East London	33 1	27 54	45·4	1012·8	1018·2	- 1·4	294·9	303·6	29th	285·0	276·9	8th	289·9	..	+ 0·3	..	- 7
1259	Perth (Observatory)	31 57	115 51	60·0	1010·0	1017·1	- 0·9	290·7	293·9	20th	283·3	277·8	2nd	287·0	*286·9*	- 0·6	134	+ 1
1260	Katanning	33 42	117 35	310	977·7	1014·5	- 2·4	289·1	295·8	21st	280·0	275·6	2nd	284·6	..	- 0·5	92	+ 1
1261	Coolgardie	30 57	121 10	423	966·6	1015·3	- 1·6	294·9	306·9	21st	279·9	275·2	2nd,6th	287·4	*287·4*	- 0·5	8	- 7
1262	Eucla	31 45	128 58	4·6	1013·8	1014·3	- 2·4	294·7	311·3	22nd	279·5	272·4	7th	287·1	*286·7*	- 1·0	11	- 7
1263	Streaky Bay	32 48	134 13	13·1	1013·9	1015·3	- 2·1	292·0	298·6	18th,22nd	282·9	278·6	8th	287·4	*287·0*	0·0	11	- 7
1264	◊Adelaide	34 56	138 35	42·7	1009·2	1014·2	- 3·1	291·7	300·3	28th	281·9	277·8	2nd	286·8	*286·6*	- 0·2	72	- 7
1265	Melbourne	37 49	144 58	35·1	1008·7	1012·8	- 3·0	290·4	298·7	23rd	279·9	274·2	9th	285·2	*285·0*	- 0·1	52	- 7
1266	Bourke	30 13	145 58	110	1004·9	1017·7	- 1·0	298·1	308·6	24th	282·3	276·1	5th	290·2	..	0·0	5	- 7
1267	Sydney	33 51	151 13	42·1	1009·0	1013·9	- 2·1	293·3	305·3	24th	283·5	278·3	4th	288·4	*287·9*	+ 0·3	126	+ 1
1268	Lord Howe Island	31 20	159 0	4·9	1015·5	1016·0	- 2·5	293·0	296·6	15th	286·6	280·9	7th	289·8	..	- 0·1	93	+ 1
1271	Auckland	36 51	174 48	40·8	..	1010·7	- 5·7	287·9	290·2	20th	281·5	278·6	11th,12th	284·7	..	- 0·9	124	+ 1
1272	Napier	39 29	176 55	1·5	..	..	..	286·8	291·5	9th	279·0	271·7	7th	282·9	..	- 2·1	92	+ 1

SEPTEMBER - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	◊Chatham Island	43 52	W. 176 42	45·7	..	1006·4	- 5·0	..	..	..	..	..	..	..	..	..	72	- 2
1321	Isla Guafo	43 34	74 45	140	1003·9	1021·1	+ 4·0	282·3	289·5	25th	278·6	275·0	9th	280·5	*280·3*	0·0	37	- 7
1322	Punta Galera	40 1	73 44	40	1015·9	1020·8	+ 2·8	284·5	292·6	24th	279·1	275·6	4th	281·8	*281·8*	- 0·6	88	- 7
1323	Sarmiento	45 33	69 1	272	986·1	1019·2	+ 6·4	287·3	298·5	25th	274·0	264·5	9th	280·6	*280·7*	- 0·2	6	- 7
1324	Puerto Madryn	42 46	W. 65 2	14	1019·7	1021·4	+ 7·2	289·6	300·3	22nd	277·2	270·5	10th	283·4	*283·0*	- 0·5	2	- 7
1365	Launceston	41 27	E.147 10	81·1	999·1	1008·9	- 2·9	287·1	292·4	23rd	277·7	271·9	9th	282·4	*281·6*	- 0·5	113	+ 1
1366	Hobart	42 53	147 20	53·9	998·9	1005·4	- 5·5	287·7	298·1	23rd	278·6	274·5	9th	283·1	*282·3*	- 0·4	45	- 7
1369	Invercargill	46 25	168 21	3·7	..	..	..	285·9	292·4	29th	275·6	270·8	13th	280·8	..	- 0·9	80	+ 1
1370	Alexandra	45 15	169 24	159	..	..	..	286·1	292·3	29th	274·6	269·1	12th	280·3	..	- 1·1	21	- 7
1371	Dunedin	45 52	170 31	6·1	..	1008·9	- 2·8	285·1	292·0	30th	276·4	272·4	13th	280·8	..	- 2·3	73	- 7
1371a	Christchurch	43 32	172 39	7·6	..	1008·8	- 3·1	284·0	296·4	30th	276·2	271·8	13th	280·1	..	- 2·5	55	- 7
1372	Wellington	41 16	174 46	128	..	1009·3	- 4·4	284·4	291·2	26th	278·4	273·3	7th	281·4	*281·0*	..	96	- 7

SEPTEMBER - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evengelistas	52 24	W. 75 6	55	1006·6	1013·4	+ 8·7	279·4	284·9	25th	275·1	270·0	8th	277·3	*277·4*	- 0·2	147	+ 1
1422	Magellanes	53 10	70 54	28	1007·1	1010·6	+ 5·6	280·5	286·5	22nd	275·0	267·0	8th	277·7	*277·3*	+ 0·1	14	- 7
1423	Punta Dungeness	52 24	68 26	5	1009·0	1009·6	+ 5·5	280·4	287·2	26th	274·6	269·2	8th	277·5	*277·3*	- 0·1	0	- 7
1424	Santa Cruz	50 1	68 31	13	1012·7	1014·3	+ 6·9	285·4	296·8	25th	274·3	268·0	8th	279·8	*279·5*	+ 0·2	63	- 7
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1008·6	+ 3·5	278·9	284·1	21st,26th	270·9	262·4	13th	274·9	..	- 2·0	..	- 7
1426	Cape Pembroke	51 41	57 42	21·3	1005·3	1007·9	+ 2·5	278·4	284·1	26th	272·4	266·9	11th	275·4	*275·8*	- 1·2	68	- 7
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	994·2	994·7	- 5·4	276·0	285·1	27th	270·1	263·3	13th	273·1	*273·0*	- 0·2		- 7

SEPTEMBER - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43	W. 44 47	7	994·1	995·0	+ 1·5	266·9	276·5	22nd	257·6	243·7	12th	262·2	262·3	- 3·7	40	- 7
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, OCTOBER 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF OCTOBER, 1931
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

OCTOBER - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1417	Cala Bay	80 20	52 48	5·9	997·6	998·4	..	..	276·6	..	..	251·2	..	..	*266·8*	..	12	..

BETWEEN LATITUDE 80° N. AND 70° N.

OCTOBER - ZONE 1.

1501	Wrangell Island	N.	W.															
1502	Barrow	70 58	178 33	6·9	1006·0	1006·9	..	264·0	271·9	9th	258·9	251·3	15th	261·5	*262·4*	..	4	..
1511	Frond Inlet	71 23	156 17	4·6	..	1009·1	- 3·2	263·0	269·7	9th	255·6	247·4	28th	259·3	..	- 4·9	8	-10
1520	Spermvik	72 43	78 30	4·0	..	1011·0	..	268·2	271·9	1,5,10	261·9	254·7	27,28,30	265·1	*265·6*	..	..	..
1532	Wyzbukta	72 47	56 7	19·2	1006·0	1008·4	- 0·6	272·1	278·0	23rd	267·2	263·6	14th	269·7	*269·9*	+ 0·9	73	+45
1536	Scoresbysund	73 29	21 34	3·2	1015·6	1016·0	..	..	268·5	5th	..	252·5	27th	..	*260·8*	..	0	..
1539	Jan Mayen	70 29	21 58	16·9	1008·4	1010·6	..	268·4	279·1	18th	262·4	255·5	20th	265·4	*265·3*	..	..	..
1540	Svalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	1001·6	1004·5	- 2·0	..	278·2	11th	268·4	265·0	3rd	..	*271·0*	- 1·4	91	+44
1541	◊Björnöen	78 13	E. 15 38	53·0	994·8	1001·6	- 7·3	..	276·8	3rd	264·7	256·9	24th	..	*266·2*	..	25	..
1542	◊Jungy	74 28	19 17	29·2	993·7	997·4	- 7·1	..	280·2	2nd	270·5	264·9	26th	..	*272·0*	- 0·4	42	+ 4
1543	Sletnes	71 4	24 6	4·3	996·3	996·8	- 6·2	..	282·7	9th	274·2	269·4	30th	..	*275·8*	- 0·3	112	+42
1547	◊Vardö	71 5	28 14	10·2	995·4	996·7	-11·2	..	280·9	9th	273·0	267·2	28th	..	*275·2*	..	85	..
1548	◊Malye Karmakouly	70 22	31 5	12·1	995·6	997·1	-10·5	..	284·0	3rd	273·1	267·6	30th	..	*275·2*	+ 0·6	43	-21
1549	◊Haigatch	72 23	52 44	15·3	996·0	997·9	- 9·1	..	278·2	..	..	265·7	..	..	*273·2*	+ 3·3	26	- 1
1550	Cape of Desire (Zhelanya)	70 24	58 48	11·2	998·7	1000·1	- 5·9	..	278·8	..	271·8	263·3	..	..	*273·6*	+ 2·2	34	+13
1562	Wilkison	76 57	68 34	8·0	..	..	..	..	278·3	..	..	259·1	..	..	*270·7*	..	..	..
1564	Boulouma	73 30	80 23	13·0	1000·2	1001·9	- 5·0	272·2	274·5	..	268·9	245·2	..	..	*270·8*	+ 4·2	6	- 6
		70 45 N.	127 47 E.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

OCTOBER - ZONE 2.

1601	Pwobrajenye	N.	W.															
1602	Devoonga	64 52	175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1603	Nome	63 43	170 20	5·5	..	..	..	273·9	280·8	6th	269·4	261·9	28th	271·7	..	..	..	..
1604	Bethel	64 30	165 24	6·7	999·6	1000·3	- 4·9	272·4	279·1	1st	265·9	255·8	19th	269·2	*270·3*	- 2·2	9	..
1605	Tanana	60 45	161 47	11·6	..	998·3	- 3·9	275·1	281·9	7th	267·7	252·4	31st	271·4	..	- 0·8	56	+19
1606	Haspert	65 10	152 6	69·5	994·6	1003·0	- 4·2	271·2	280·2	1st	262·6	253·0	22nd,31st	266·9	*267·7*	- 1·0	74	+32
1607	Walder	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	37	+10
1608	Eagle																..	..
1609	Omnon	61 7	146 16	122	..	..	..	278·5	286·3	1st	271·9	263·0	28th	275·2	..	..	402	..
1610	Aklavik	64 46	141 12	250	969·8	1000·7	- 7·4	275·1	282·4	14th,15th	266·1	250·8	27th	270·6	*270·8*	+ 1·6	21	+ 1
1611	Fort Good Hope	64 4	139 29	324	962·9	1003·0	..	273·9	280·2	7th	266·7	256·3	28th	270·3	*270·4*	+ 0·5	18	-11
1612	Fort Simpson	68 14	134 50	7·6	1003·7	1004·6	..	268·1	281·3	15th	262·4	249·1	31st	265·2	*265·3*	..	31	..
1613	Hay River	66 15	128 38	65·2	998·9	1007·2	..	271·9	282·4	15th	263·0	248·6	28th,29th	267·4	*268·1*	+ 0·5	71	+44
1614	Coppermine	61 52	121 15	126	989·3	1005·0	..	277·8	291·9	11th	269·6	258·0	29th	273·7	*273·8*	+ 2·6	24	-10
1615	Chesterfield																	
1616	Nottingham Island	60 51	115 57	161	985·1	1005·0	..	279·7	290·8	16th	270·3	263·0	26th	275·0	*274·4*	+ 1·9	42	+19
1617	Cape's Advance	67 49	115 10	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1618	Resolution Island	63 45	91 50	4·0	1009·0	1009·5	..	272·9	277·4	12th	269·0	260·8	23rd	270·9	*271·2*	+ 2·5	10	..
1619	Jacobshavn	63 7	77 56	16·5	1007·0	1009·1	..	272·0	276·3	2nd	268·4	265·2	27th	270·2	*270·2*	..	18	..
1620	Godthaab	61 5	69 33	73·2	1000·5	1009·8	..	271·6	274·7	21st	268·9	266·3	10,12,14	270·3	*270·6*	..	39	..
1621	Ivigtut	61 18	64 53	38·7	1006·1	1011·0	..	273·3	277·4	18th	270·3	266·3	15,24,30	271·8	*271·8*	..	13	..
1622	Arendgaslik																	
1623	Stykkisholm	69 13	51 2	31·6	1002·8	1006·8	- 0·8	271·5	281·0	19th,20th	266·5	259·3	13th	269·0	*269·7*	+ 0·4	71	+47
1624	Westmanno	64 10	51 43	20	..	..	..	274·5	281·8	19th	269·2	263·9	10th	271·9	*272·7*	+ 0·5	74	+11
1625	Grimsey	61 12	48 10	30·0	1003·9	1007·7	+ 2·3	277·5	284·5	19th,20th	271·4	265·8	31st	274·5	*274·7*	+ 0·7	119	-30
1626	Akureyri	65 36	37 33	29·3	1003·0	1006·7	- 0·1	274·6	284·1	18th	269·6	263·7	31st	272·1	*272·2*	+ 0·4	71	-56
1627	Hjaltastadir																	
1628	Seydisfjord	65 5	22 46	25	..	1003·6	- 1·5	280·5	285·5	15th	274·3	268·7	29th	277·4	*276·9*	+ 0·7	123	+46
1629	Berufjord	63 24	20 17	122	..	1005·0	- 0·1	279·7	283·5	14th	..	..	..	..	*278·1*	+ 0·4	193	+46
1630	Vestmannaeyjar	66 33	18 1	22	..	1003·5	- 3·9	278·1	284·9	14th	..	..	..	..	*275·9*	+ 0·2	64	+29
1631	Reykjavik	65 41	18 5	7	..	1004·3	- 3·1	278·9	289·4	14th	273·6	264·3	29th	276·3	*276·3*	+ 0·7	88	..
1632	Akranes	64 41	14 22	18	..	1003·6	- 2·7	280·5	287·6	18th	274·1	266·9	30th	277·3	*277·1*	+ 0·6	183	+57
1633	Stornoway	62 3	6 45	22·9	1005·0	1007·8	+ 0·2	282·6	285·9	4th	276·6	270·4	25th	279·6	*279·9*	+ 0·1	243	+88
1634	Aberdeen	60 8	W. 1 11	18·0	..	1010·8	+ 2·5	282·7	286·9	5th,9th	279·4	273·0	22,29,30	281·1	*281·1*	+ 0·2	108	+ 8
1635	Lerwick																	
1636	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1005·7	1011·2	+ 1·0	282·0	287·2	7th	277·6	270·7	26th	279·8	*279·7*	- 0·8	310	+105
1637	Aalesund	62 28	6 10	6·3	1007·2	1008·0	- 0·6	..	288·5	1st	277·2	270·6	26th	..	*279·7*	- 0·8	222	+62
1638	Trondheim	63 26	10 25	59·2	998·7	1006·0	- 4·5	279·5	286·6	1st	274·6	261·9	25th	277·1	*277·1*	- 0·6	169	+81
1639	Bodo	67 17	14 26	17·0	998·6	1000·7	- 8·1	..	284·4	8th	273·7	262·0	31st	..	*275·8*	- 1·6	195	+93
1640	Haparanda	65 50	24 9	9·2	999·9	1001·1	-10·3	277·2	283·0	16th	272·1	263·0	23rd	274·7	*274·9*	+ 0·5	83	+27
1641	Helsingfors	60 10	24 57	11·7	1005·5	1006·9	- 7·5	280·2	287·3	16th	275·0	265·3	27th	277·6	*278·0*	- 0·4	63	- 3
1642	Kemijo	62 55	27 40	233	975·6	1004·2	- 8·4	277·1	284·1	16th	272·2	265·3	27th	274·7	*274·7*	- 1·5	62	+11
1643	Kola																	
1644	Petrozavodsk	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1645	Archangelsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1646	Moscow	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1647	Ekat-Teyima	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1648	Uchterdyn	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 2.cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	999·2	1000·8	- 5·2	275·2	278·4	..	271·3	263·7	..	273·3	273·4	+ 2·7	21	- 2
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	?20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marinskii Post	64·45 N.	177·33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

OCTOBER - ZONE 3. BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	999·6	- 3·6	279·1	283·0	3rd	274·8	269·1	18th	276·9	..	+ 0·1	98	+ 3
303	∮Dutch Harbor	53 55	166 30	4·0	1002·4	1003·0	+ 0·1	282·8	288·6	2nd,14th	275·5	270·2	28th,29th	279·2	278·6	+ 0·8	103	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	- 3·5	112	..
305	Dillingham	59 0	158 28	24·4	..	..	..	277·7	284·7	1st,3rd	265·7	260·2	19th,20th	271·7	..	- 0·1	94	..
306	Kodiak	57 48	152 22	4·6	995·9	996·6	- 3·3	282·1	288·0	2nd	275·9	269·1	19th	279·0	279·2	- 0·1	565	+197
309	Sitka	57 3	135 19	19·8	..	..	..	284·0	287·4	6th	277·1	266·9	28th	280·5	..	- 0·2	343	+ 3
310	∮Prince Rupert	54 18	130 18	51·8	1004·4	1010·7	- 1·3	284·7	288·6	15th	278·6	274·7	20th	281·7	281·7	+ 0·3	53	- 1
311	Prince George	53 50	122 48	570	945·5	1013·3	..	284·7	291·9	16th	273·1	268·0	25th	278·9	279·2	+ 1·0	13	- 1
312	∮Kamloops	50 41	120 20	385	972·1	1018·3	- 1·6	286·4	298·6	1st	276·4	271·9	10th	281·4	281·6	- 0·2	6	- 1
313	Calgary	51 2	114 2	1079	888·1	1012·1	- 1·9	286·8	297·4	1st	272·2	264·1	21st,25th	279·5	278·9	+ 1·1	15	+ 4
314	Fort Smith	60 0	111 52	207	981·4	1006·4	..	282·4	291·3	16th,23rd	271·0	261·3	26th	276·7	276·1	+ 4·6	4	- 3
315	Prince Albert	53 10	105 45	436	960·4	1012·9	- 2·2	286·0	294·1	16th	273·2	268·0	29th,31st	279·6	278·8	+ 3·0	12	+ 1
316	Qu'Appelle	50 31	103 56	654	936·9	1014·2	- 1·3	285·6	296·3	1st	273·4	266·3	22nd	279·5	278·4	+ 2·1	18	+ 5
317	Minnedosa	50 15	99 50	515	952·2	1013·7	- 1·5	285·9	298·6	2nd	273·3	268·6	11th,25th	279·6	278·8	+ 2·6	27	+ 8
318	Berens River	52 18	97 2	219	..	..	..	284·9	295·2	2nd	274·7	269·1	11th	279·8	..	+ 2·3	55	+ 4
319	Pagwa	50 3	85 18	189	..	..	..	286·3	294·7	2nd	272·1	269·1	12th	279·2	..	+ 3·4	41	+ 1
320	Moose Factory	51 14	80 30	9·1	1009·1	1010·2	..	284·1	289·1	3rd	272·1	267·4	15th	278·1	278·7	+ 1·0	127	+ 7
321	Fort George	53 50	79 5	97·5	..	..	..	280·3	286·3	24th	275·1	269·1	30th,31st	277·7	..	+ 2·8	98	+ 4
322	Mistassini Post	50 30	73 55	383	..	..	..	281·6	292·4	3rd	274·3	269·7	28th	278·0	..	+ 2·1	98	+ 4
323	Fort Chimo	58 10	68 10	15·2	1006·6	1008·5	..	277·8	283·0	21st	270·7	263·6	9th	274·3	274·1	+ 0·6	98	+ 4
324	Natashkwan	50 14	61 48	6·1	..	..	..	282·1	288·0	13th,22nd	274·8	266·3	15th	278·5	..	+ 1·5	98	+ 4
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 21	††17 41	§(34)	..	..	..	..	..	Sea Temp. 284·1+0·6	..	..	..	..	282·9	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1018·9	1020·5	+ 8·5	286·4	289·4	4th	282·0	271·9	26th	284·2	284·4	+ 0·5	39	- 1
335	Aberdeen	57 10	W. 2 6	26·0	1012·4	1015·6	+ 5·4	284·6	292·6	5th	278·5	271·4	25th	281·5	281·7	+ 0·3	19	- 1
336	Greenwich	51 29	0 0	46·3	..	1021·4	+ 7·8	287·4	294·1	6th	278·2	268·6	28th	282·8	282·6	- 0·3	42	+ 1
337	Uccle	50 48	E. 4 22	100	1008·4	1020·6	+ 6·1	287·4	296·2	6th	277·9	266·2	28th	282·6	282·1	- 0·6	40	+ 1
338	De Bilt	52 6	5 11	3·0	1019·5	1019·9	+ 6·0	287·2	295·0	7th	277·3	265·2	28th	282·3	281·9	- 0·7	32	- 1
338a	Hamburg	53 33	9 58	40·3	1012·7	1017·7	+ 3·0	284·8	294·4	6th	278·6	271·5	28th	281·7	281·5	- 0·6	38	+ 1
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1014·3	1014·9	+ 1·5	283·8	289·6	7th	278·1	270·1	26th	280·9	281·1	+ 0·2	44	+ 1
340	Potsdam	52 23	13 4	84·9	1007·8	1018·2	+ 2·7	285·3	295·6	7th	277·4	269·0	27th	281·3	280·7	- 0·7	42	+ 1
340a	Uppsala	59 51	17 38	24	1005·4	1008·3	- 4·8	281·1	288·9	7th	273·2	262·8	26th	277·1	277·4	- 0·8	31	- 1
341	Warsaw	52 13	21 3	88·3	1006·3	1017·2	- 1·2	284·2	293·1	7th	276·5	270·9	27th	280·3	280·2	- 1·8	15	- 1
342	Tartu (Ülikooli)	58 23	26 43	80·8	999·4	1009·4	- 6·0	280·9	287·6	7th	274·9	267·7	28th	277·9	277·7	- 0·2	..	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	1004·6	1014·6	- 5·4	281·0	285·9	14th	275·7	268·2	29th	278·3	278·2	+ 1·8	77	+ 2
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygen Ourken	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeschensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ,	E. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

OCTOBER - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
422	Victoria, B.C.	48 24	123 19	70·1	1008·3	1016·8	- 0·1	286·6	293·0	1st	281·0	279·1	21,23,26	283·8	283·4	+ 0·6	45	-20
423	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	- 0·6	290·8	299·1	15th	281·7	276·9	21st	286·2	285·8	+ 1·2	110	+27
424	Macleod	49 44	113 24	953	..	..	..	289·1	298·0	2nd	274·6	265·2	29th	281·8	281·5	+ 1·7	13	- 4
425	Helena	46 34	112 4	1257	874·7	1017·6	- 0·1	288·0	295·8	2nd	275·1	270·2	11th	281·6	281·2	+ 1·5	2	-20
426	Salt Lake City	40 46	111 54	1329	868·6	1015·9	- 0·4	292·0	298·6	9th	280·9	272·4	27th	286·7	287·0	+ 2·4	14	-25
427	Cheyenne	41 8	104 48	1856	814·4	1016·9	+ 0·3	288·4	296·9	1st	274·8	267·4	30th	281·6	282·1	+ 1·4	27	+ 6
428	North Platte	41 8	100 45	860	917·4	1016·6	- 0·5	293·3	301·9	5th	278·2	264·7	31st	285·8	285·6	+ 2·7	9	-18
429	Bismarck	46 47	100 48	510	954·3	1015·2	- 1·2	288·3	300·8	1st	276·2	271·3	11th	282·2	282·0	+ 2·2	30	+ 6
430	Winnipeg	49 53	97 7	232	985·3	1013·4	..	287·1	301·9	2nd	276·8	271·3	31st	281·9	282·1	+ 4·1	53	+18
431	Duluth	46 47	92 6	345	972·2	1013·5	- 2·4	288·3	299·1	2nd	278·7	273·6	12th	283·5	283·0	+ 4·0	74	+12
432	Fort Arthur	48 27	89 12	196	989·3	1012·9	- 2·9	286·9	295·8	1st	278·8	272·4	17th	282·9	283·0	+ 4·6	198	+137
433	Chicago	41 47	87 35	205	992·9	1017·3	0·0	291·6	301·3	3rd	284·1	277·4	18th	287·9	287·5	+ 2·2	67	+ 2
434	Toronto	43 40	79 24	116	1003·2	1017·3	- 0·5	289·5	298·6	3rd,5th	280·2	274·7	9th,13th	284·8	284·1	+ 2·6	51	-14
435	New York (Central Park)	40 47	73 58	47·4	1011·8	1017·5	- 0·6	294·1	303·0	6th,8th	284·4	278·6	13,18,19	289·2	288·9	+ 2·6	71	-24
436	St. John, N.B.	45 17	66 4	36·3	1010·0	1014·4	..	286·8	294·7	8th	279·3	274·1	19th	283·1	282·7	+ 1·9	127	+12
437	N.W. Point, Anticosti	49 24	63 33	9·1	1011·0	1012·1	..	280·7	285·8	5th	276·5	270·8	15th	278·6	278·8	+ 1·2	105	+15
438	Cable Island (Main Station)	43 57	60 6	7·6	1013·0	1013·9	..	286·9	291·9	5th	282·4	278·6	13th	284·7	284·7	+ 0·4	106	-20
439	St. John's, Newfoundland	47 34	52 42	74·1	1004·2	1013·3	0·0	284·1	293·6	12th	277·6	270·8	16th	280·8	280·7	+ 0·4	59	-78
440	Madrid	40 24	3 41	667	941·2	1018·2	+ 0·8	293·9	302·8	4th	282·0	272·9	29th	288·0	287·2	+ 1·7	86	+40
441	Nantes	47 15	W. 1 34	36·5	1015·4	1019·8	+ 4·4	289·1	295·5	5th	280·2	269·8	28th	284·7	284·2	+ 0·1	57	-39
442	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1015·2	1021·4	+ 5·5	288·6	295·6	5th	277·3	269·6	28th	283·0	282·7	- 0·3	43	-12
443	Marseille	43 18	5 23	75	..	1016·6	+ 1·9	292·5	298·0	5th	283·7	275·8	29th	288·1	287·3	- 0·5	117	+19
444	Zürich	47 23	8 33	493	962·3	1021·2	+ 5·8	286·9	295·5	6th	277·1	272·4	17th,22nd	282·0	281·3	- 0·3	66	-25
445	Rome	41 54	12 29	45·5	1012·8	1018·1	+ 2·3	294·5	297·7	3rd,4th	284·5	279·4	18th	289·5	289·3	- 0·3	75	-53
446	Budapest	48 15	16 22	203	995·3	1020·0	+ 2·5	285·5	292·2	13th	277·5	272·4	20th	281·5	281·4	- 1·6	38	- 9
447	Sofia	47 31	19 1	130	1003·7	1019·6	+ 1·7	289·0	296·4	7th	278·5	271·6	23rd	283·7	282·9	- 0·9	45	-14
448	Bucherest	42 42	23 20	550	955·2	1020·2	+ 1·5	288·7	297·2	26th	278·8	274·0	21st,31st	283·7	283·4	- 0·8	64	+ 6
449	Odessa (Observatory)	44 25	26 6	82	1009·9	1019·9	+ 0·9	290·4	302·3	26th	279·2	272·9	23rd	284·8	284·3	- 0·3	25	-18
450	Novorossiisk	46 26	30 46	42·8	..	..	..	287·0	..	..	279·4	..	..	283·2	..	- 0·9	..	..
451	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
453	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
454	Krasnovodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
455	Kazalinsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
457	Andijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
458	Aina Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
459	Moukden	41 46	123 24	44·3	1015·7	1021·1	+ 1·9	289·2	300·5	4th	275·8	268·6	29th	282·5	281·7	- 0·3	48	+ 9
460	Joshin	40 40	129 12	31·9	1015·9	1019·8	+ 1·8	288·8	294·8	14th	277·9	268·9	27th	283·3	283·6	- 1·0	3	-44
461	Yuki	42 20	130 24	63·8	1011·4	1019·2	+ 1·6	287·2	293·7	5th	277·5	267·2	28th	282·3	282·4	- 0·5	4	-70
462	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
463	Ochiki	47 20	142 47	27·4	1009·0	1012·4	- 1·6	285·2	293·9	7th	275·2	269·0	11th	280·2	280·1	+ 0·9	60	-39
464	Nemuro	43 20	145 35	26·7	1012·1	1015·3	- 0·4	288·1	294·8	5th	281·0	274·0	30th	284·5	284·4	+ 1·0	161	+64
465	Syuna	45 14	147 53	39·3	1009·5	1014·3	- 0·9	285·9	292·3	6th,7th	279·3	274·6	25th	282·6	282·9	+ 1·1	180	+70
		N.	E.															

OCTOBER - ZONE 5 (AMERICA). BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
502	San Francisco	37 48	122 26	47·2	1010·8	1016·6	0·0	292·2	301·3	1st	284·7	282·4	26th	288·4	287·6	+ 0·5	17	- 7
503	Sacramento	38 35	121 30	21·0	1012·8	1015·2	0·0	292·6	308·0	1st	282·7	276·9	26th	289·7	290·1	- 0·5	5	-15
504	San Diego	32 43	117 10	26·5	1011·5	1014·5	+ 0·3	296·1	306·9	1st	288·3	285·2	27th	292·2	291·7	+ 1·9	1	- 8
505	Modena	37 48	113 54	1668	834·7	1015·2	- 0·3	291·6	297·4	16th	275·1	268·0	27th	283·3	283·3	+ 1·4	22	- 2
506	Santa Fé	35 41	105 57	2138	790·0	1015·6	+ 1·2	290·6	295·8	10th	278·6	270·2	30th	284·6	284·6	+ 1·7	28	0
507	Denver	39 45	105 0	1613	838·8	1016·6	+ 0·1	292·2	301·9	9th	278·3	268·0	30th	285·2	285·7	+ 1·9	16	- 9
508	Abilene	32 33	99 40	530	956·0	1016·6	0·0	300·7	309·7	7th	288·3	277·4	31st	294·5	293·6	+ 3·3	259	+196
509	Saint Louis	38 38	90 12	173	997·6	1017·9	0·0	294·7	303·6	4th	285·7	278·6	29th	290·2	290·2	+ 2·6	74	+ 2
510	Mobile	30 41	88 2	17·4	1016·6	1018·6	+ 1·3	300·1	304·7	10th	291·1	280·2	31st	295·6	294·9	+ 2·8	91	+ 2
511	Nashville	36 10	86 47	166	1000·3	1020·3	+ 0·9	297·8	304·7	5th	285·0	276·9	19th	291·4	291·4	+ 2·6	47	-14
512	Charleston	32 47	79 56	14·6	1017·9	1019·6	+ 1·6	298·6	302·4	25th	289·8	281·9	31st	294·2	294·3	+ 1·8	18	-73
513	Washington	38 54	77 3	34·1	1014·5	1018·6	- 0·3	295·4	304·1	6th	283·1	275·8	19th	289·2	288·4	+ 2·4	33	-40
514	Bermuda	32 17	64 46	38·1	1013·6	1018·0	..	299·9	305·2	1st	293·5	289·7	21st	296·7	296·3	0·0	107	-41
		N. ° ,	W. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

OCTOBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1009·3	1014·7	- 4·8	295·0	297·7	1st	290·8	288·2	20th	292·9	‡293·0	+ 0·9	273	+218
531	Horta	38 32	28 38	65	1007·1	1015·0	- 4·2	295·7	300·2	3rd	290·1	287·7	23rd	292·9	292·6	+ 0·5	192	+79
532	Ponta Delgada	37 44	25 40	22	1012·8	1015·5	- 2·8	294·7	296·7	3rd,4th	290·6	288·3	23rd	292·7	292·9	+ 1·1	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	139	+62
533	Madeira (Funchal)	32 38	16 55	25	1016·1	1019·0	+ 0·9	297·2	298·7	25th	291·6	288·5	29th	294·4	294·5	+ 1·3	146	+69
535	Lisbon	38 43	9 9	95	1006·2	1017·6	+ 0·9	294·1	301·9	4th	287·3	280·3	30th	290·7	290·4	+ 0·6	76	+40
536	Gibraltar	36 6	5 21	27·4	..	1018·0	+ 0·7	296·4	301·3	1st	288·9	280·8	29th	292·6	291·9	+ 0·5	152	+71
536a	Colomb-Béchar	31 37	W. 2 13	769	..	..	..	..	..	..	..	..	..	..	..	..	..	..
537	Palma	39 34	E. 2 39	23	1014·7	1017·4	+ 0·4	296·6	302·4	4th	286·2	279·0	29th	291·4	290·5	- 0·5	67	-20
538	Algiers	36 46	3 13	59	1010·9	1017·9	+ 1·4	296·0	301·8	6th	290·5	283·7	29th	293·3	293·0	+ 0·3	67	-2
538a	Gadames	30 18	9 30	351	..	..	..	306·7	315·0	1st	286·9	283·2	21st	296·8	..	+ 0·5	77	+2
539	Tunis	36 48	10 10	66	1009·7	1017·4	+ 1·1	297·2	306·8	25th	288·1	283·2	20th	292·7	292·5	- 0·1	118	+39
540	Malta	35 54	14 31	71·2	..	1017·9	+ 2·3	295·9	302·4	26th	290·4	286·3	21st	293·2	292·8	- 1·4	11	-71
541	Athens	37 58	23 43	107	1005·6	1018·2	+ 1·3	296·7	301·3	9th	288·0	283·6	21st	292·3	292·3	- 0·1	..	..
542	∮Alexandria	31 12	29 53	32·0	1013·8	1017·5	+ 1·5	302·2	306·0	19th	293·8	291·3	22nd	298·0	297·1	+ 0·7	0	0
543	Ankara	39 58	32 48	861	920·9	1019·5	+ 0·8	293·8	300·9	28th	277·1	271·1	3rd	285·5	285·4	..	3	-1
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1016·0	+ 1·2	302·2	306·9	29th,30th	287·2	283·6	23rd	294·7	..	+ 0·6	14	-7
544	∮Beirut	33 54	35 28	33·7	..	1014·7	- 0·6	300·6	303·1	1st	294·0	290·8	23rd	297·3	297·1	+ 0·5	0	-4
545	Hinaidi	33 17	44 29	32·9	1010·0	1013·8	+ 0·4	305·8	310·8	2nd	287·6	281·3	30th	296·7	297·2	- 0·7	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	0	-1
547	Tehran	35 41	51 25	1220	875·7	1008·5	..	295·8	302·3	2nd	284·7	278·8	17th	290·3	290·3	- 0·7	0	-1
548	Meshed	36 17	59 36	946	..	..	..	295·1	306·4	2nd	..	..	..	..	..	..	..	..
549	Seistan	31 2	61 30	?610	960·1	..	..	300·2	308·7	4th	285·1	275·1	29th	292·6	..	- 0·9	0	-1
550	Quetta	30 10	67 1	1647	838·0	..	- 0·7	298·0	305·2	4th,9th	278·1	269·1	20th	288·1	288·1	+ 1·2	50	+26
551	Peshawar	34 1	71 35	355	972·8	1013·1	+ 0·1	304·8	310·2	2nd,3rd	290·4	283·6	25th,30th	297·6	296·8	+ 1·8	27	-4
551a	Lahore	31 35	74 20	214	987·7	1012·0	+ 0·8	305·5	309·7	4 days	291·3	283·0	31st	298·4	297·6	+ 0·3	79	-1
552	Simla	31 6	77 10	2202	784·4	..	+ 0·6	290·5	294·7	4 days	283·8	279·7	29th	287·2	287·2	0·0	1	-3
552a	Leh	34 9	77 34	3503	669·7	..	+ 0·6	289·8	296·9	2nd,5th	274·7	269·1	30th	282·3	281·4	+ 2·3	..	..
558	Sian	34 31	109 5	365	977·1	1019·9	..	294·3	309·0	6th	283·6	276·0	29th	288·9	288·8	..	24	-3
559	Hankow	30 35	114 17	39·1	1018·6	1023·4	+ 3·0	296·4	304·7	7th	288·0	282·3	26th	292·2	292·0	+ 0·7	1	-20
560	Tientsin	39 9	117 9	6·4	1022·4	1023·1	+ 2·7	294·2	302·8	2nd	280·2	273·2	31st	287·2	286·9	- 0·1	0	-3
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1021·1	1021·9	+ 2·8	296·2	303·5	6th	285·4	275·9	29th	290·8	289·7	- 0·8	24	-3
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1013·2	1021·7	+ 2·7	291·3	298·0	4th	281·3	272·1	28th	286·3	286·0	- 1·3	11	-7
562a	Nagasaki	32 44	129 52	133	1003·5	1019·2	+ 2·4	294·5	302·8	6th	286·8	280·3	27th	290·7	290·0	- 1·0	97	+44
563	Kyoto	35 1	135 44	42·9	1013·8	1019·0	+ 2·5	294·5	301·7	8th	283·7	274·7	28th	289·1	288·5	- 0·2	176	+76
564	Tokyo	35 41	139 46	5·8	1017·5	1018·2	+ 1·4	294·0	302·0	14th	285·3	277·2	29th	289·7	289·3	+ 0·5	249	+149
565	Hukusima	37 45	140 28	68·5	1010·7	1019·0	+ 2·0	292·8	302·0	8th	281·6	273·3	24th	287·2	286·5	- 0·2	143	+43
566	Miyako	39 38	141 59	30·4	1013·9	1017·6	+ 0·9	292·2	297·5	8th	280·7	274·3	29th	286·5	285·5	- 0·1	161	+61
		N.	E.															

OCTOBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1017·9	1018·6	..	299·6	301·3	sev.dates	292·1	287·4	29th	295·8	295·3	- 0·8	20	-41
605	Honolulu	21 19	157 52	11·6	1014·2	1015·6	- 0·5	300·7	302·4	11th	295·9	293·0	29th	298·3	298·2	+ 0·4	59	-3
613	∮Guaymas	27 55	110 53	8·3	1010·8	1011·7	+ 0·7	306·6	313·0	14th	295·3	290·0	21st	300·9	300·1	+ 0·8	0	-1
614	La Paz, Mexico	24 10	110 20	12	1009·0	1010·3	..	303·6	306·0	7th	296·9	293·6	22nd	300·3	299·8	..	0	-1
615	Leon	21 7	101 41	1809	821·4	1010·0	- 0·6	300·7	303·7	7th	285·3	281·7	3rd	293·0	291·8	+ 0·8	7	-1
616	∮Monterry	25 40	100 18	528	955·0	1014·0	- 0·3	301·9	306·7	7th	292·7	287·8	31st	297·3	297·0	+ 2·5	33	+14
617	Tulancingo	20 5	98 22	2181	791·3	..	+ 0·9	294·6	298·8	23rd	281·7	278·4	1st	288·1	287·5	0·0	58	+28
618	Galveston	29 18	94 50	16·5	1015·9	1017·9	+ 0·8	300·2	302·4	5th	295·3	286·9	31st	297·8	298·0	+ 2·5	88	+38
618a	New Orleans	29 57	90 4	16·2	1016·2	1017·9	+ 1·0	300·3	304·1	11th	293·7	284·1	31st	297·0	296·1	+ 2·1	136	+46
619	Merida, Yucatan	20 58	89 38	22	1011·1	1013·6	+ 0·1	302·0	304·4	3rd	295·7	293·4	27th	298·9	297·6	- 0·3	157	+67
620	Havana	23 7	82 25	77·0	1004·7	1013·5	+ 0·1	301·9	305·0	7th	295·3	293·0	27th	298·6	298·3	..	144	+54
620a	Key West	24 33	81 48	6·7	1014·2	1014·9	+ 1·1	301·8	303·6	6th	296·6	291·9	31st	299·2	298·8	+ 0·2	204	+114
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·2	+ 2·1	303·1	305·2	1,5,10	296·4	294·1	17th,18th	299·7	299·7	+ 0·2	150	+60
622	San Salvedor(Watling Island)	24 6	74 26	33·5	1010·9	1014·7	+ 0·4	..	303·0	16th	..	296·9	25th	..	300·1	+ 0·2	0	-2
633	Port Etienne	20 56	17 3	4	1015·3	..	..	304·6	313·2	19th	289·3	284·2	13th	296·9	294·8	..	23	+8
634m	Izaña	28 19	16 30	2367	770·9	..	+ 1·3	287·5	293·5	4th	281·0	275·9	29th	284·3	283·9	+ 1·5	48	+23
634	La Laguna	28 28	16 20	547	953·2	1015·5	- 1·0	297·6	304·3	4th	287·7	282·8	18th	292·7	292·0	+ 1·0	..	..
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	0	-1
638	Tamanresset (Fort Laperrine)	22 45	E. 5 0	?1350	865·9	1008·3	..	304·0	307·8	2nd	289·4	286·2	21st	296·7	296·8	+ 1·0	0	-1
639	Sebha	27 1	14 27	424	..	..	..	304·2	308·4	29th	289·7	284·7	19th	296·9	..	..	0	-1
640	Hon	29 8	15 56	263	..	..	..	305·0	314·8	26th	286·2	283·0	14th	295·6	..	..	0	-1
641	Giarabub	29 44	24 30	12	..	..	..	300·2	307·1	1st	287·6	283·2	31st	293·9	..	..	0	-1
642	Siwa	29 12	25 29	-23	1021·1	1018·4	+ 1·9	303·3	307·5	4th,29th	286·4	283·5	23rd,25th	294·9	294·1	- 1·5	..	..
643	Cairo (Helwan)	29 52	31 20	116	1002·4	1015·8	+ 0·7	303·3	310·5	5th	292·0	288·6	3rd	297·7	297·1	+ 0·5	1	-1
643a	Aswan	24 2	32 53	100	1000·4	1011·7	+ 0·3	310·9	315·8	18th	295·2	290·4	24th	303·1	302·1	+ 1·9	..	..
644	Tor	28 14	33 37	1·9	1012·4	1012·6	+ 0·2	302·5	309·0	1st	291·9	288·2	24th	297·2	297·5	+ 0·5	0	-1
		N.	E.														mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

OCTOBER - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1010·8	1011·4	..	302·4	305·8	2nd	294·2	290·8	28th	298·3	297·6	- 1·1	0	- 2
648	Jask	25 45	57 45	4·0	1009·8	1010·3	..	305·9	308·3	12th	297·7	293·2	31st	301·8	301·1	+ 0·4	0	- 1
649	Karachi	24 48	66 59	4·0	1010·8	1011·3	- 0·7	303·7	310·8	11th	295·4	290·2	22nd	299·6	298·9	- 0·3	0	0
650	Jacobabad	28 17	68 29	56·7	1004·6	1011·0	0·0	309·6	314·7	9th	292·7	284·1	22nd,26th	301·2	300·4	+ 0·9	0	- 1
651	Jaipur	26 55	75 50	436	963·7	1012·4	+ 0·3	305·1	310·2	2nd	292·6	285·8	25th	298·8	298·1	- 0·4	28	+20
652	Allahabad	21 9	79 7	310	975·4	1010·3	- 1·4	303·2	305·8	13th	293·9	288·0	26th,27th	298·6	298·1	- 0·7	204	+150
653a	Darjiling	25 26	81 50	94·2	1000·5	1011·3	0·0	304·3	308·0	17th	294·2	288·0	25th,26th	299·3	298·5	0·0	125	+66
654	Calcutta	27 3	88 16	2265	779·4	..	+ 1·1	291·0	294·7	12th	284·6	281·3	31st	287·8	287·8	+ 1·7	88	-27
655	Gauhati	22 32	88 20	6·4	1010·2	1011·0	0·0	303·7	306·9	11th	297·6	295·2	21,22,25	300·6	300·3	+ 0·6	156	+50
655a	Cherrapunji	26 11	91 45	59·7	1005·5	1012·4	- 0·2	304·5	307·4	17th	294·8	293·0	4th,30th	299·7	299·0	+ 0·6	84	+13
655b	Akyab	25 15	91 44	1313	871·1	..	+ 1·0	295·9	298·6	8th	290·3	285·2	31st	293·1	292·5	+ 1·2	130	-410
655c	Mandalay	20 8	92 55	8·8	1010·2	1011·2	+ 0·2	303·6	305·2	7th	297·6	295·2	3rd	300·6	300·2	- 0·1	261	-16
655d	Tengyueh	21 59	96 6	76·2	1003·1	1011·8	+ 0·1	306·4	309·1	7th,9th	297·7	296·3	4 days	302·1	301·7	+ 0·6	54	-66
655e	Pha Lien	25 0	98 40	1634	837·2	1010·6	..	295·4	298·6	4,5,12	286·3	280·8	3rd	290·9	290·1	+ 1·1	..	..
655f	Monsey	20 48	106 38	116	..	1015·5	+ 1·8	300·6	304·8	8th	293·1	290·5	29th	296·8	296·1	- 1·5	31	-83
655g	Hongkong	21 31	107 58	9·0	..	1015·6	+ 2·1	302·2	306·5	8th	292·6	287·8	14th	297·4	296·7	- 0·7	32	-118
655h	Amoy	22 18	114 10	33·2	..	1014·6	+ 0·9	299·2	303·2	8th	294·2	290·1	20th	296·7	296·6	- 1·0	19	-106
655i	Taihoku, Formosa	24 26	118 4	4·9	1015·6	1016·2	+ 0·4	300·8	305·8	8th	294·3	289·1	30th	297·5	297·3	- 0·5	2	-47
655k	Sasco	25 2	121 31	9·3	1015·4	1016·5	+ 1·4	298·4	305·5	7th	292·2	284·6	30th	295·3	295·0	- 0·9	86	-36
655l	Naha	20 28	121 59	18·7	..	1009·7	- 0·8	301·5	304·3	3rd	297·6	294·7	29th	299·5	299·3	- 0·1	366	+32
655m	Tititima (Bonin Islands)	26 12	127 39	29·5	1010·7	1014·1	+ 2·1	299·6	303·5	3rd	294·9	288·5	30th	297·3	297·2	+ 0·3	199	+37
		27 5	142 11	4·3	1013·2	1013·7	+ 0·5	301·4	304·5	2nd	296·7	291·8	29th	299·1	298·8	+ 0·3	162	+20
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

OCTOBER - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
708	∮Colima	19 12	103 45	498	956·7	1012·1	+ 1·1	305·2	308·6	25th	293·9	292·1	2nd	299·5	298·3	+ 0·6	29	-47
712	∮Mexico, Tacubaya	19 42	101 7	1923	810·3	1010·2	- 0·3	296·4	298·3	7th	286·1	283·8	29th	291·3	290·5	+ 1·2	11	-51
714	Salina Cruz	19 24	99 12	2309	776·0	..	+ 0·8	295·9	298·2	7th,23rd	281·8	278·4	29th	288·9	287·9	+ 0·3	21	-30
720	San Salvedor	16 12	95 12	56	1004·2	1010·6	- 0·8	303·0	304·6	24th	295·2	293·0	22nd	299·1	299·7	- 0·2	43	-58
720	Belize	13 42	89 13	682	937·1	1012·5	+ 0·8	306·7	309·4	22nd	292·0	290·4	6th,22nd	299·3	296·7	+ 0·8	258	- 9
720	Jamaica (Negril Pt.)	17 31	88 11	5·2	1010·1	1010·8	- 0·9	301·7	303·8	19th	295·1	293·6	6th	298·4	298·0	- 1·5	924	+589
720	Port au Prince	18 15	78 23	10·1	..	1011·6	+ 0·1	304·2	305·8	16th	296·3	294·9	6th	300·2	299·8	+ 0·5	112	-97
720	Curacoa	18 33	72 20	37·4	1008·3	1012·6	+ 0·4	305·6	306·9	17th	296·3	295·1	3rd,12th	300·9	300·1	+ 0·7	65	-102
720	San Juan, Porto Rico	18 29	66 7	25·0	1010·8	1013·5	+ 0·6	302·7	306·3	21st	297·1	295·8	28th	299·9	299·4	+ 0·3	163	+ 8
720	Grenada (Richmond Hill)	12 5	61 46	188	992·2	1013·5	+ 2·2	302·9	304·1	12,17,22	295·8	294·7	10,20,31	299·3	298·7	- 0·4	428	+231
720	Barbados	13 8	59 36	57·9	..	1012·8	+ 0·7	302·8	303·3	1,14,23	296·6	294·9	3rd	299·7	299·5	+ 0·3	189	- 5
720	∮Sto Vicente, C. Verde Is.	16 54	25 4	11	1014·0	1015·2	+ 1·8	300·8	303·0	21st	297·1	294·5	30th	299·0	298·9	+ 0·1	21	- 9
720	San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
720	∮Dakar	14 40	17 26	32	1008·1	1011·7	..	306·3	309·2	23rd	298·3	296·1	10th	302·3	302·4	+ 1·1	12	-28
720	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	304·9	307·4	16th	297·9	293·6	11th	301·4	301·8	+ 1·2	29	-41
720	Medenhald	12 57	7 26	300	..	..	..	306·7	311·0	16th	293·4	290·0	21,22,25	300·1	299·7	..	81	..
720	Kabara	16 45	W. 3 1	273	..	..	..	313·4	316·7	28th	295·5	290·0	19th,21st	304·0	303·3	..	4	..
720	Sokoto	13 2	E. 5 14	354	..	..	..	309·6	311·9	23rd	293·8	290·2	18th,29th	301·7	301·0	- 0·1	0	-15
720	Kaduna Capital	10 32	7 25	597	944·4	1014·8	..	306·2	308·0	14,21,30	292·0	289·7	18,28,31	299·1	298·4	+ 0·8	38	-32
720	Kano	18 41	12 55	356	..	..	..	311·5	316·2	4th	291·2	284·8	30th	301·3	301·9	+ 0·6	..	..
720	Maidaguri	11 47	13 11	361	..	..	..	310·9	315·2	7th,28th	..	..	..	..	‡302·1	- 0·4	3	-12
720	Ft Fasher	13 32	25 18	730	927·4	1006·5	..	311·4	314·0	6th,23rd	290·9	286·0	13th	301·1	299·8	+ 0·2	0	- 6
720	El Obeid	13 11	30 14	563	946·6	1008·1	+ 0·9	309·8	311·8	19th	294·3	291·4	13th	302·1	301·6	+ 1·0	6	-12
720	Khartoum	15 37	32 33	390	965·1	1007·5	+ 0·1	312·5	314·6	3rd	298·5	293·6	28th	305·5	305·5	+ 1·0	16	+11
720	Port Sudan	19 37	37 13	5·5	1010·8	1011·4	+ 0·1	307·8	312·2	6th	298·9	295·9	14th	303·3	303·0	+ 1·1	0	-10
720	Berbera, Somaliland	10 26	45 2	13·8	1008·4	1009·9	- 1·5	306·8	311·9	1st	298·3	294·7	23,27,28	302·5	302·7	+ 0·4	0	- 3
720	Aden	12 49	45 2	29·9	1008·3	1011·7	- 0·5	307·7	310·2	24,28,29	299·5	295·8	30th	303·6	302·7	+ 1·8	0	- 2
720	Bombay	18 54	72 49	11·3	1009·0	1010·2	- 1·3	303·4	307·4	23rd	296·9	294·7	26,27,29	300·1	299·6	- 0·9	332	+277
720	Kodaikanal	10 14	77 28	2343	771·8	..	+ 0·7	290·6	292·4	2nd	284·3	283·0	28th	287·5	286·8	+ 1·1	149	-97
720	Bangalore	12 58	77 35	921	910·4	1010·6	+ 0·1	302·2	304·7	19th	291·9	288·6	27th	297·1	296·2	+ 1·1	39	-110
720	Madras	13 4	80 15	6·7	1009·1	1009·9	- 0·6	305·7	308·0	9,16,19	297·7	295·2	27th	301·7	300·9	+ 0·8	172	-126
720	Vizagapatam	17 42	83 18	38·4	1004·8	1009·2	- 1·3	303·0	306·3	12th	297·8	295·8	5th,29th	300·4	299·7	- 0·5	361	+180
720	Port Blair	11 40	92 43	18·0	1008·5	1010·6	- 0·3	302·6	304·1	21st,22nd	297·8	296·3	13th	300·2	299·5	- 0·3	366	+85
720	Rangoon, Jacques	16 46	96 11	5·5	1010·8	1011·5	0·0	304·4	306·9	19th	297·7	296·9	sev.dates	301·1	300·2	+ 0·4	149	-27
720	Akyab	10 20	107 5	180	..	1010·0	..	300·7	303·1	25th	295·6	294·2	3rd,13th	298·2	297·8	- 0·8	97	-109
720	Mergui	12 15	109 12	3·6	..	1009·0	..	301·7	303·8	1st	296·4	294·6	22nd	299·0	298·6	- 0·5	357	+19
720	Bolinao	16 23	119 53	2	..	1007·6	0·0	304·1	306·0	1st,7th	297·3	294·8	27th,31st	300·7	300·5	+ 0·2	277	+112
720	Vigan	17 34	120 23	12·2	..	1007·5	- 1·0	303·7	306·5	4th	296·7	293·9	19th	300·2	299·6	- 0·7	287	+136
720	Manila	14 35	120 59	14·2	..	1008·4	- 0·4	304·1	306·8	2nd	297·1	294·7	31st	300·6	299·8	+ 0·3	171	-18
720	Ormoc	11 0	124 36	5·6	..	1007·4	- 0·5	304·2	305·2	1st	..	..	..	..	299·7	+ 0·5	424	+187
720	Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·6	0·0	303·9	305·8	1st	296·9	296·0	23rd	300·9	302·2	+ 1·1	328	- 8
720	Saipan	15 14	145 46	207	986·1	1006·2	..	302·0	303·4	5th,6th	296·9	294·9	1st	299·5	299·2	..	236	..
		N.	E.														mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·0	1010·6	- 0·7	..	..	..	297·2	295·2	13th	..	‡302·7	- 0·2	25	-79
821	∮Cristobal	9 23	79 54	11·0	..	1009·4	- 0·9	303·9	305·8	16th	297·7	296·3	25th	300·8	300·0	+ 1·0	519	+237
822	Bogota	4 36	74 5	2645	746·6	..	+ 0·8	292·8	295·2	25th	283·1	281·2	5th,6th	288·0	287·3	+ 0·5	52	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Boliver	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	983·9	1008·2	- 1·1	..	..	..	..	..	..	..	..	+ 0·4	31	..
											296·1	294·7	1st	..	‡297·0			
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·9	- 0·6	304·1	304·7	sev.dates	297·8	295·8	21st	300·9	300·5	+ 0·6	143	-57
826	Paramaribo	5 49	55 9	3·7	1011·3	1011·7	- 0·5	306·7	308·0	11th	296·5	295·6	16th	301·6	300·8	+ 0·8	55	-88
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	86	-231
833	Konakri	9 31	13 43	12·5	..	..	..	303·6	305·1	16th,20th	297·7	295·8	10th	300·7	301·1	+ 1·5	268	-26
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1006·0	1012·4	+ 1·5	303·3	304·7	11,21,30	..	..	..	..	‡300·7	..	261	+52
835	∮Assuantsi	5 18	1 15	97·3	1000·1	1011·2	..	301·9	303·6	17,18,29	294·7	293·0	1,20,24	298·3	297·8	0·0	131	..
836	∮Accra	5 33	W. 0 12	17·7	1010·2	1012·3	+ 0·4	303·1	305·2	17th	296·8	295·8	4,10,19	299·9	299·5	+ 0·7	72	-48
837	∮Lagos	6 27	E. 3 24	3·0	1011·7	1012·0	+ 0·8	302·7	304·7	16th,31st	296·9	294·7	4th,26th	299·8	299·6	+ 0·3	149	-76
838	∮Victoria, Nigeria	4 1	9 12	15·5	1010·3	1012·1	..	301·8	303·6	9th	294·9	293·6	5,16,22	298·4	297·9	+ 0·1	348	+169
839	Yola	9 12	12 30	259	..	..	..	306·2	308·6	30th,31st	295·4	292·4	2nd	300·8	300·1	+ 1·5	41	..
841	Wau	7 42	28 3	440	960·0	1008·6	+ 0·2	307·3	309·7	6th	294·7	293·0	8th	301·0	300·0		169	-90
843	Malakal (Kodok)	9 35	31 37	394	966·0	1009·6	+ 0·6	307·1	309·2	22nd,29th	296·1	293·0	4th	301·6	300·3	+ 1·0	92	-65
843a	Juba	4 53	31 35	475	956·6	1009·3	..	306·1	308·2	5th	293·4	291·4	25th	299·7	299·0	..	120	..
844	Entebbe	0 5	32 29	1171	..	..	..	299·6	302·2	22nd	290·5	288·6	6th,22nd	295·1	..	+ 0·3	139	-74
844a	Kampala (Kololo Hill)	0 20	32 36	1310	869·2	1008·8	..	300·1	302·0	17th	290·3	288·5	22nd	295·2	294·3	..	124	-75
845	Sheikh	9 55	45 15	1463	..	..	..	298·8	301·9	2nd	285·7	280·8	25th,31st	292·3	291·6	..	75	-138
851	Minicoy	8 18	73 0	2·7	1011·7	1011·9	+ 0·4	303·9	306·3	3rd	298·2	296·3	1st	301·1	300·4	..	59	-126
851a	Cochin	9 58	76 14	2·7	1011·8	1012·2	+ 0·6	302·0	303·6	31st	297·0	295·2	23rd	299·5	298·8	- 0·4	155	-41
852	∮Colombo Observatory	6 54	79 52	7·3	..	1010·6	+ 0·8	302·8	303·6	19th	297·6	295·2	28th	300·2	299·5	+ 0·3	179	+9
853	∮Numara Eliya	6 58	80 46	1881	813·8	1011·6	0·0	293·3	296·1	31st	284·0	280·9	28th	288·7	288·1	+ 0·4	195	..
854	∮Trincomalee	8 35	81 15	30·2	..	1008·1	+ 0·1	306·1	309·2	9th	297·7	295·3	26th	301·9	301·2	+ 0·8	170	-74
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	196	+38
856	Medan	3 35	98 41	25·0	..	1010·1	- 0·2	303·1	305·1	10th	295·6	294·5	10th	299·3	298·8	+ 0·6	360	..
857	Butterworth	5 25	100 22	2·1	..	1009·8	..	303·1	304·7	sev.dates	296·5	295·2	13th,15th	299·8	299·3	..	334	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·7	- 0·1	303·3	305·8	2nd	296·9	295·2	sev.dates	300·2	299·9	..	232	+38
859	Sandakan	5 50	118 7	31·7	1002·2	1008·5	..	304·4	305·8	11th,24th	297·1	296·3	2,10,29	300·7	300·8	+ 0·3	447	..
860	Iwahig	9 44	118 38	14·3	..	1007·2	- 0·6	304·0	306·0	7th	295·9	294·6	1st	299·9	299·4	+ 0·4		-77
861	Tagbilaran	9 38	123 51	21·3	..	1007·9	- 0·4	304·7	306·7	13th	297·5	296·6	1st	301·1	300·2	+ 0·4	152	-97
861a	Menado	1 30	124 50	8·5	..	..	..	304·5	307·2	23rd	296·2	295·1	20th	300·3	299·9	+ 0·4	243	+38
862	Surigao	9 48	125 29	6·0	..	1007·9	- 0·4	303·3	305·0	1st	297·9	296·6	1st	300·6	300·4	+ 0·5	581	+391
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·6	+ 0·2	303·1	305·4	26th	297·6	296·8	12th,17th	300·3	299·8	- 0·2	729	..
864	Palau	7 20	134 29	31·8	1005·4	1009·0	+ 0·1	302·4	303·8	13,15,27	297·4	295·8	9th,18th	299·9	299·6	- 0·4		-77
867	Ponape	6 58	158 13	38·9	1005·1	1009·5	..	303·1	305·0	25th	295·7	293·5	2nd	299·4	299·1	..	373	..
		N.	E.															

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1011·0	..	303·2	305·2	19th	299·1	296·9	25th	301·2	300·8	..	385	..
920	Lambayeque	6 46	80 55	15	1011·4	1013·2	..	299·1	301·0	27th,31st	290·7	288·8	4th	294·9	294·0	..	0	-134
921	Quito	0 14	78 30	2816	728·1	..	+ 0·3	295·5	300·1	12th	281·1	278·5	21st	288·3	286·4	+ 0·7	134	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	300·0	301·9	10th,13th	294·2	293·0	24th	297·1	296·4	- 0·3	7	-7
939	Loanda	8 49	E. 13 13	59·3	..	1012·7	+ 0·1	299·2	300·1	30th	295·2	293·4	5th	297·2	296·8	+ 0·5	4	-4
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·6	296·0	..	..	..	..	..	..	..	232	-44
											284·3	282·7	..	289·5	290·0	..		
943	Masaka	0 20	31 44	1280	..	..	..	299·6	301·7	11th	289·4	287·9	9th	294·5	293·8	..	137	-7
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·0	1014·1	..	297·3	300·3	8th	285·8	283·0	3rd,5th	291·5	290·6	..	82	-94
944a	Zanzibar (Town)	6 10	39 12	17·1	1015·0	1016·9	+ 0·9	302·0	303·0	8th,28th	296·9	295·8	1st	299·4	298·6	+ 0·1	42	-44
944a	Zanzibar (Chakwani Palace)	6 15	39 13	20	1012·5	1014·8	..	303·0	306·0	17th	295·7	294·8	16th	299·3	298·7	..	214	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·7	1013·3	+ 1·0	301·8	302·4	13th	296·9	294·7	6th	299·3	298·6	+ 0·2		-96
957	∮Padang	0 56	100 22	6·7	..	1010·9	- 0·2	..	..	..	..	..	..	..	..	..	609	+262
958	Batavia	6 11	106 50	8·0	1009·7	1010·6	+ 0·4	304·4	306·9	25th	297·0	295·6	2nd	300·7	300·1	+ 0·5	86	-61
958a	∮Pontianak	0 1	109 20	2·6	..	1010·2	- 0·1	304·8	307·9	21st	297·4	295·5	17th	301·1	300·2	+ 0·8	0	-146
959	Pasuruan	7 38	112 55	5·0	..	1010·2	- 0·2	306·0	308·1	6th	296·8	294·6	30th	301·4	301·4	+ 0·9	11	-135
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..		-138
962	Amboina	3 42	128 10	4·2	..	1010·0	- 0·1	303·0	304·9	9th	297·5	296·2	21st	300·3	299·9	+ 1·0	219	-79
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	176	-124
965	Daru	9 4	143 13	7·6	..	..	..	302·7	..	..	297·2	..	..	..	..	+ 0·2	10	-290
966	Port Moresby	9 29	147 9	38·4	..	1011·6	+ 0·2	..	..	..	294·1	..	..	299·9	299·5	- 0·5	53	-290
														..	‡300·3			
967	Rabaul	4 9	152 12	12·5	1007·7	1009·2	+ 0·1	308·1	310·6	28th	296·1	294·7	4th	302·1	301·3	+ 1·2	24	-290
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·2	304·7	16,17,18	297·7	296·3	14th,17th	300·4	300·2	0·0	267	-38
970	Ocean Island	0 52	169 35	42·6	1004·6	1009·4	- 1·1	305·2	306·9	28th	298·9	296·9	20th	302·1	301·3	+ 0·8		-77
		S.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Wavau	18 39	173 59	9·1	1012·8	1013·8	..	299·3	302·5	22nd	296·6	291·8	10th	297·9	..	..	160	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·0	- 2·2	302·7	304·0	21st	295·7	292·4	8th	299·2	298·9	- 0·4	212	+50
1003	Aloffi, Niue Island	19 2	169 55	19·8	..	1014·6	+ 0·2	300·3	303·0	17th,18th	292·6	288·0	2nd	296·5	296·3	- 0·9	185	+69
1020	Lima																	
1021	Africa																	
1022	La Paz, Bolivia	12 5	77 3	111	1001·1	1014·2	..	294·4	296·6	25th	287·5	285·2	5th	290·9	290·0	..	2	..
		18 28	70 20	5	..	..	..	294·5	296·8	18th	290·0	287·0	24th	292·3	291·6	+ 2·4	0	0
		16 30	68 8	3658	658·3	..	+ 0·6	293·0	295·5	22nd	277·8	276·2	16th	285·4	284·1	+ 0·6	20	-25
1025	Corumba																	
1026	Cuyaba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1027	Bello Horizonte	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1028	Chettite	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1029	Oudina (Bahia)	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Aracaju	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1030		10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1031	St. Helena	15 57	W. 5 40	579	948·8	1016·6	+ 1·3	288·3	290·8	16th	284·9	283·6	3rd	286·6	286·3	- 0·6	35	+ 2
1032	Mossamedes																	
1033	Livingstone	15 12	E. 12 9	12·5	1013·6	1015·1	..	..	297·8	18th	..	285·0	8th,9th	..	..	..	0	- 2
1034	Kasisbethville	17 51	25 51	972	905·5	1008·9	..	309·3	313·6	7th	293·6	286·9	1st	301·5	..	+ 0·7	4	- 8
1035	Gwelo	11 39	27 28	1230	876·0	1006·2	- 0·9	306·1	308·7	8th	288·3	284·9	1st	297·2	..	+ 0·5	59	+30
		19 26	29 45	1411	864·4	1013·9	..	303·0	307·4	7th	288·1	281·9	1st	295·6	..	+ 1·3	4	-15
1036	∮Salisbury (Dept. Agric.)	17 48	31 5	1489	854·9	1012·0	+ 1·0	302·4	306·4	8th	288·8	283·9	1st	295·6	295·1	+ 1·0	49	+20
1037	Zomba	15 23	35 18	955	907·5	1009·6	- 0·8	304·4	306·9	10th,11th	291·3	287·4	14th	297·9	297·2	+ 1·5	5	-34
1038	Mossuril	14 57	40 40	15	..	1015·4	..	305·0	308·9	8th	293·9	291·1	1st	299·5	299·6	..	1	..
1040	Antsanarivo	18 55	47 33	1375	867·4	1016·2	+ 1·1	300·2	303·8	6th,8th	285·1	280·3	12th	292·7	291·0	- 0·5	91	+27
1041	Cocos, Keeling Is.	12 5	96 53	4·6	1012·2	1012·9	- 0·9	301·9	303·6	22nd	297·5	295·7	11th	299·7	299·3	+ 0·1	82	-11
1042	∮Christmas Island	10 25	105 43	5·5	1009·9	1010·6	+ 0·4	303·0	304·1	sev.dates	296·9	295·2	12th	299·9	299·5	- 0·2	72	+ 9
1043	Kupang																	
1044	Derby	10 10	123 34	45·1	..	1011·1	0·0	307·6	310·8	24th	296·7	294·9	16th	302·1	301·5	+ 1·3	2	-16
1045	Hall's Creek	17 18	123 40	16·2	1010·5	1012·3	+ 0·8	309·6	313·7	1st	296·3	293·6	3,4,5	303·0	..	+ 0·9	11	+ 9
1046	Darwin	18 13	127 46	373	971·5	1012·6	+ 1·6	307·7	311·3	16th	291·4	283·0	23rd	299·6	299·0	- 2·0	0	-16
1047	Daly Waters	12 28	130 51	29·6	1008·1	1011·5	+ 1·2	306·2	309·8	23rd	297·3	293·4	7th	301·7	300·6	- 0·9	84	+33
1048	Palmerville	16 16	133 23	211	988·3	1011·6	+ 1·7	309·9	313·6	29th	294·6	287·4	7th	302·2	301·6	- 0·8	0	-22
1049	Georgetown, Queensland	15 56	144 8	210	988·6	1011·9	+ 1·0	307·5	311·1	11th	291·2	286·9	7th	299·3	..	- 0·9	0	-23
1050	Willis Island	18 22	143 32	302	980·2	1013·9	+ 1·5	306·6	310·2	31st	292·1	288·1	6th	299·3	..	- 1·3	50	+32
		16 18	149 59	8·5	1013·0	1014·1	+ 1·1	301·3	302·6	12th	296·0	294·1	18th	298·7	298·4	- 0·1	6	- 7
1052	Samarai																	
1053	Suva, Fiji	10 37	150 40	6·1	..	1013·0	+ 1·7	..	..	..	..	..	..	296·7	..	..	..	..
		18 8	178 26	6·1	1012·7	1013·5	+ 0·3	299·9	303·6	14th,20th	293·8	290·2	24th	296·9	296·7	- 0·4	101	-121
		S.	E.														228	+17

BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1201	Nukualofa, Tonga	21 8	175 12	3·0	1015·1	1015·4	..	298·8	301·3	21st,22nd	290·3	284·1	12th	294·6	..	..	48	..
1202	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	298·7	300·8	23,24,27	291·8	287·4	27th	295·3	295·1	- 0·4	86	-44
1203	Punta Tortuga, Coquimbo	29 55	71 22	25	1013·3	1016·1	- 0·9	290·5	294·0	28th	284·6	282·3	14th	287·5	287·2	+ 0·4	1	0
1204	Antofagasta	23 42	70 24	94	1001·3	1012·4	- 4·9	292·5	294·5	22nd	286·9	284·5	23rd	289·7	289·3	+ 0·6	2	+ 1
1205	Catamarca	28 29	65 47	528	952·8	1011·1	+ 0·5	305·1	313·0	3rd	290·5	286·0	12th	297·8	297·0	+ 2·2	57	+30
1206	Salta	24 46	65 24	1173	882·2	1009·0	- 0·3	300·4	308·6	4th	286·3	279·1	15th	293·4	293·2	+ 1·0	78	+47
1207	Goya																	
1208	Asuncion	29 9	59 15	37	1008·8	1013·1	- 0·2	299·6	306·7	23rd	288·6	281·5	14th,20th	294·1	293·5	+ 0·7	193	+80
1209	Curityba	25 17	57 41	139	999·5	1015·5	+ 3·3	302·6	310·4	24th	292·0	284·8	15th	297·3	296·4	+ 0·7	218	+69
1210	Rio de Janeiro	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1211	∮Windhoek	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1212	∮Okiep																	
1213	Kimberley	22 34	E. 17 6	1727	830·6	1011·2	..	301·0	305·2	17th	285·8	278·9	7th	293·4	292·9	- 1·0	0	-11
1214	Johannesburg	29 36	17 52	933	911·9	1016·8	+ 0·1	295·6	307·2	16th	281·8	276·2	2nd	288·7	288·4	- 1·5	15	+ 4
1215	Bulawayo	28 44	24 46	1218	880·7	1012·9	+ 0·4	300·6	309·7	18th	284·9	276·3	2nd	292·7	292·4	- 0·1	38	+13
		26 11	28 4	1806	824·5	1015·1	+ 0·3	296·4	303·4	18th	284·4	275·9	25th	290·4	290·1	+ 0·3	30	-35
1216	Durban	20 9	28 35	1349	869·9	1014·1	+ 0·6	302·0	307·6	5th	288·3	282·4	1st	295·2	294·4	- 0·2	21	0
1217	Lourenço Marques	29 52	31 3	15·2	1016·0	1017·8	- 0·8	297·1	301·7	17th	291·1	288·1	26th	294·1	293·5	+ 0·9	44	-87
1218	Mauritius	25 58	32 36	59·5	..	1017·7	+ 0·7	300·7	310·2	18th	291·1	287·0	1st	295·9	295·1	0·0	92	+33
		20 6	57 33	55·2	1012·8	1019·2	+ 1·0	299·6	301·3	31st	291·4	287·8	10th	295·5	295·2	0·0	15	-27
		°S.	°E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1012·6	1013·0	+ 0·5	303·3	307·7	2nd	289·4	284·8	4th	296·3	..	- 0·6	5	+ 4
1160	Cue	27 27	117 52	454	964·5	1015·7	+ 1·9	301·0	309·3	27th	286·2	280·8	16th	293·6	..	+ 0·2	9	+ 7
1161	Nullagine	21 53	120 5	386	..	..	..	305·6	311·3	27th	288·2	281·9	1st,23rd	296·9	..	- 1·8	27	+ 19
1162	Laverton	28 40	122 23	466	965·0	1017·8	+ 3·5	299·8	310·0	27th	284·9	278·6	17th	292·3	292·2	- 1·0	7	+ 2
1163	Alice Springs	23 38	133 37	587	950·2	1015·7	+ 2·8	300·9	310·4	16th	284·8	277·4	5th	292·9	292·9	- 3·2	20	+ 12
2164	William Creek	28 55	136 21	76·2	1010·0	1018·7	+ 4·2	300·9	312·9	8th	284·9	279·3	11th	292·9	292·6	- 1·4	6	- 2
1164a	Boulia	22 55	139 38	146	997·8	1014·3	+ 2·7	304·5	313·0	29th	288·8	281·9	4th	296·7	296·7	- 2·1	8	- 2
1165	Thargomindah	27 58	143 43	123	1001·7	1015·9	+ 2·1	301·3	310·8	29th	286·1	277·6	5th	293·7	293·4	- 2·0	36	+ 24
1166	Mitchell	26 32	147 52	336	978·3	1016·7	+ 2·5	300·5	308·2	29th	283·2	275·4	5th	291·8	..	- 1·8		
1167	Rockhampton	23 24	150 30	11·3	1015·9	1017·2	+ 1·7	302·0	306·9	30th,31st	289·9	283·5	6th	296·0	295·2	- 0·8	13	- 10
1168	Brisbane	27 28	153 2	41·8	1013·7	1018·2	+ 2·2	298·4	305·2	10th	287·3	282·3	12th	292·9	292·7	- 1·2	15	- 1
1170	Norfolk Island	29 4	167 59	14·9	1019·3	1021·2	+ 3·3	293·0	295·5	31st	288·6	284·4	13th	290·8	290·4	- 0·3	99	+ 71

OCTOBER - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	♯Juan Fernandez	33 37	78 52	6	1021·4	1022·1	+ 0·8	290·5	293·3	25th	284·9	281·3	9th	287·7	287·4	+ 1·2	84	+ 28
1221a	Punta Tumbes	36 37	73 6	120	1003·5	1018·1	+ 0·5	287·6	290·6	14th	281·6	278·2	22nd	284·6	284·4	- 0·1	51	+ 21
1222	♯Punta Angeles, Valparaiso	33 1	71 38	41	1011·8	1015·7	- 1·7	292·7	300·7	5th	283·4	280·4	16th	288·1	287·5	+ 0·9	0	- 2
1222a	Santiago	33 27	70 42	520	956·1	1016·1	- 0·2	296·9	304·5	14th	282·0	278·8	8th	289·5	288·7	+ 2·2	0	- 2
1223	Cordoba	31 25	64 12	423	964·7	1013·2	- 0·6	299·6	308·9	16th	284·4	276·7	14th	292·0	291·8	+ 1·4	49	+ 34
1224	Bahia Blanca	38 45	62 16	28·7	1010·9	1014·3	- 1·5	297·9	308·7	26th	284·3	274·0	20th	291·1	290·6	+ 2·7	57	+ 42
1225	Buenos Aires (Chacarita)	34 5	58 29	25	1012·9	1015·9	- 0·5	296·0	303·2	16th	285·4	277·2	20th	289·2	290·3	+ 1·8	78	+ 56
1226	Montevideo (Prado)	34 52	56 12	24·9	1014·1	1017·4	+ 0·8	294·7	304·6	27th	284·7	278·3	9th	289·7	289·6	+ 1·6	56	+ 34
1226a	Porto Alegre	30 2	W. 51 13	23·5	1013·2	1016·0	- 0·3	297·2	304·8	31st	286·6	281·6	6th	291·9	291·7	+ 0·5	37	+ 15
1239	Cape Town	33 56	E. 18 29	12·2	1017·5	1019·0	+ 2·0	293·6	303·8	22nd	284·7	281·9	1st	289·2	288·2	- 0·0	55	+ 41
1240	♯Danger Point	34 37	19 18	27·7	..	..	..	290·7	295·2	16th,22nd	284·8	279·7	29th	287·7	..	- 0·7	78	+ 64
1240a	Klaver	31 47	18 37	41·8	1014·8	1019·8	+ 0·7	296·9	307·2	30th	283·9	280·1	5th	290·4	..	- 1·4	8	- 6
1241	♯Riversdale	34 6	21 16	105	1008·2	1020·8	..	294·7	304·7	22nd	282·1	276·1	29th	288·4	..	- 1·4	88	+ 66
1242	East London	33 1	27 54	45·4	1012·8	1018·2	+ 1·1	294·7	307·4	31st	286·4	283·0	29th	290·6	..	0·0	134	+ 112
1259	Perth (Observatory)	31 57	115 51	60·0	1012·7	1020·1	+ 3·2	295·7	306·1	22nd	285·1	277·4	16th	290·4	290·2	+ 1·3	26	+ 7
1260	Katanning	33 42	117 35	310	983·5	1019·7	+ 4·0	294·8	304·4	22nd	279·9	274·3	16th	287·3	..	+ 0·4	17	- 2
1261	Coolgardie	30 57	121 10	423	970·7	1019·1	+ 4·5	298·1	309·4	27th	282·2	276·3	17th	290·2	290·1	- 0·5	10	+ 1
1262	Eucla	31 45	128 58	4·6	1019·3	1019·8	+ 4·6	296·3	311·9	27th	283·5	277·4	17th	289·9	289·4	0·0	7	- 1
1263	Streaky Bay	32 48	134 13	13·1	1019·3	1020·7	+ 5·0	295·0	305·8	28th	283·1	277·4	10th	289·1	288·5	- 1·0	21	+ 13
1264	♯Adelaide	34 56	138 35	42·7	1014·8	1019·9	+ 4·1	294·3	307·3	28th	282·6	277·9	4th	288·4	288·1	- 1·2	21	+ 13
1265	Melbourne	37 49	144 58	35·1	1013·0	1017·1	+ 2·3	291·9	302·7	15th	281·3	277·1	24th	286·6	286·4	- 0·7	2	- 6
1266	Bourke	30 13	145 58	110	1006·4	1019·0	+ 2·6	301·8	311·9	29th	284·4	278·0	11th,18th	293·1	..	- 1·4		
1267	Sydney	33 51	151 13	42·1	1011·0	1015·9	+ 1·2	294·4	305·2	8th	285·0	280·1	1st	289·7	289·6	- 0·8	23	+ 1
1268	Lord Howe Island	31 20	159 0	4·9	1018·8	1019·3	+ 2·9	294·4	297·0	30th	287·9	282·0	2nd	291·2	..	0·0	111	+ 89
1271	Auckland	36 51	174 48	40·8	..	1017·2	+ 1·9	289·7	292·4	31st	283·4	279·1	25th	286·6	..	- 0·4	55	+ 33
1272	Napier	39 29	176 55	1·5	..	..	..	291·5	298·4	31st	281·4	275·4	25th	286·4	..	- 1·0	16	- 6

OCTOBER - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	♯Chatham Island	43 52	176 42	45·7	..	1012·9	+ 2·8	..	..	..	..	..	..	..	..	..	26	+ 20
1321	Isla Guafo	43 34	74 45	140	999·0	1016·0	- 2·1	283·1	285·3	8th	279·7	277·0	20th	281·4	281·4	- 0·4	132	+ 97
1322	Punta Gelera	40 1	73 44	40	1013·9	1018·8	+ 0·4	285·4	288·4	7th	280·8	276·8	13th	283·1	283·2	- 0·4	134	+ 99
1323	Sarmiento	45 33	69 1	272	977·6	1010·0	- 3·2	290·9	298·3	26th	279·0	272·4	5th	285·0	284·4	- 0·1	8	- 27
1324	Puerto Madryn	42 46	W. 65 2	14	1010·4	1012·1	- 2·4	294·8	307·9	26th	281·6	274·5	9th	288·2	287·7	+ 1·7	10	- 25
1365	Launceston	41 27	E.147 10	81·1	1002·7	1012·3	+ 1·8	291·1	297·1	26th	279·5	273·3	23rd	285·3	284·5	+ 0·4	26	+ 3
1366	Hobart	42 53	147 20	53·9	1003·3	1009·8	- 0·3	289·3	300·5	15th	280·6	276·7	20th,23rd	284·9	284·1	- 0·4	92	+ 69
1369	Invercargill	46 25	168 21	3·7	..	..	..	289·2	297·4	17th	278·8	273·6	2nd	284·0	..	+ 0·4	57	+ 31
1370	Alexandra	45 15	169 24	159	..	..	..	290·4	297·4	29th	279·4	274·4	14th	284·9	..	+ 1·2	25	- 1
1371	Dunedin	45 52	170 31	6·1	..	1008·3	- 1·6	290·0	298·3	17th	279·6	274·7	14th,24th	284·8	..	+ 0·6	44	+ 20
1371a	Christchurch	43 32	172 39	7·6	..	1009·6	- 0·3	291·4	299·6	17th	279·3	272·9	3rd	285·4	..	+ 0·6	71	+ 47
1372	Wellington	41 16	174 46	128	..	1012·9	+ 0·5	288·3	291·6	28th	281·4	277·0	23rd	284·8	284·1	- 0·6		

OCTOBER - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evengelistas	52 24	75 6	55	995·1	1001·8	- 4·7	280·8	285·2	6th	276·4	274·3	3rd	278·6	278·6	+ 0·2	204	+ 161
1422	Magallanes	53 10	70 54	28	997·0	1000·4	- 4·8	283·4	286·7	11th,23rd	276·2	273·0	17th	279·8	279·7	0·0	27	- 16
1423	Punta Dungeness	52 24	68 26	5	1000·1	1000·7	- 4·4	283·0	289·0	24th	275·6	273·8	8th	279·3	279·2	- 0·6	15	- 28
1424	Santa Cruz	50 1	68 31	13	1002·9	1004·5	- 4·0	289·0	296·8	26th	277·1	269·6	4th	283·0	282·6	+ 0·3	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1004·1	- 1·9	282·0	286·3	26,29,30	273·9	270·2	4th,10th	277·9	..	- 0·3	37	+ 6
1426	Cape Pembroke	51 41	57 42	21·3	1000·0	1002·6	- 2·8	281·1	286·3	15th	274·7	271·3	2nd	277·9	278·1	- 0·1	121	+ 90
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	1000·5	1001·0	+ 0·5	277·8	284·7	30th	272·1	266·1	10th	274·9	274·6	+ 0·1		
		S.	W.															

OCTOBER - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	990·2	991·1	- 2·2	270·8	274·8	26th	265·4	253·7	7th	268·1	268·4	- 0·6	49	+ 40
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, NOVEMBER 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF NOVEMBER, 1931
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

NOVEMBER - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1047	Cala Bay	80 20	52 48	5·9	1010·4	1011·2	..	..	274·8	..	..	251·7	..	..	265·0	..	3	..

BETWEEN LATITUDE 80° N. AND 70° N.

NOVEMBER - ZONE 1.

1078	Wrangell Island	N.	W.															
1085	Barrow	70 58	178 33	6·9	1012·8	1013·7	..	257·0	262·5	8th,17th	250·0	244·0	7th	253·5	253·3	..	4	..
1121	Pond Inlet	71 23	156 17	4·6	..	1014·2	- 1·7	259·0	273·6	25th,26th	251·4	245·8	14th	255·2	..	- 0·3	8	- 2
1145	Bjornvik	72 43	78 30	4·0	..	1002·4	..	255·3	273·0	2nd	250·1	240·2	25,26,27	252·7	252·6	..	3	..
1181	Wyngbukta	72 47	56 7	19·2	995·5	997·9	-10·7	267·2	274·3	27th	262·4	256·7	15th	264·8	265·1	+ 2·2	7	-20
1204	Spitsbergen	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1205	Jan Mayen	70 29	21 58	16·9	995·1	997·3	..	267·8	273·6	24th	261·5	254·0	11th,12th	264·7	264·8	..	..	..
1240	Svalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	994·2	997·1	- 7·1	..	277·6	16th	273·3	267·3	7th	..	275·0	+ 3·7	93	+52
1241	♯Björnöen	78 13	E. 15 38	53·0	1001·8	1008·5	+ 1·2	..	278·6	15,17,18	268·6	255·0	8th	..	271·5	..	34	..
1242	Klingvy	74 28	19 17	29·2	1007·1	1010·8	+ 6·6	..	278·6	19th	272·4	266·4	1st	..	274·2	+ 4·1	48	+13
1243	Sletnes	71 4	24 6	4·3	1014·6	1015·1	+10·9	..	281·8	3rd	274·1	269·3	3rd	..	275·7	+ 1·5	55	- 7
1244	Sverdö	71 5	28 14	10·2	1015·3	1016·6	+12·7	..	278·3	3rd	271·7	262·3	2nd	..	274·0	..	30	..
1245	Malye Karmakouly	70 22	31 5	12·1	1017·0	1018·5	+12·9	..	279·0	15th	272·1	266·0	2nd	..	273·9	+ 3·0	19	-44
1246	Waigatch	72 23	52 44	15·3	1016·6	1018·5	+13·0	..	275·5	..	..	260·1	..	..	269·9	+ 7·1	32	+16
1301	Cape of Desire (Zhelanya)	70 24	58 48	11·2	1016·8	1018·2	+11·2	271·8	275·8	..	266·8	258·1	..	269·3	269·7	+ 4·5	11	0
1302	Golitzin	76 57	68 34	8·0	1011·5	1012·5	..	..	275·6	..	..	256·1	..	..	266·2	..	1	..
1340	Bouloune	73 30	80 23	13·0	1011·4	1013·1	+ 4·7	264·4	272·4	..	257·9	246·6	..	261·1	261·3	+ 5·4	6	- 3
		70 45	127 47	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

NOVEMBER - ZONE 2.

1362	Frevobrajenye	N.	W.															
1363	Savonga	64 52	175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1364	Nome	63 43	170 20	5·5	..	..	..	269·6	274·1	15th,16th	264·6	251·9	29th	267·1	..	..	9	..
1365	Bethel	64 30	165 24	6·7	1002·0	1002·7	- 3·8	267·9	274·1	25th	261·1	250·2	17th	264·5	265·1	+ 0·7	960	+37
1366	Teller	60 45	161 47	11·6	..	1002·4	- 1·1	270·5	278·6	25th	263·8	251·9	19th	267·2	..	+ 2·4	40	+21
1367	Wales	65 10	152 6	69·5	1001·3	1009·8	- 0·4	263·3	275·2	28th	254·6	234·1	19th	259·0	259·9	+ 4·1	71	+53
1368	Barrow	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1381	Waldez	61 7	146 16	122	..	..	..	272·4	280·8	1st	266·7	255·8	16,18,20	269·6	..	..	343	..
1382	Eagle	64 46	141 12	250	978·6	1010·5	- 0·9	265·2	275·8	4th	257·2	236·9	17th,19th	261·2	261·8	+ 4·3	11	- 2
1383	Dawson	64 4	139 29	324	973·6	1016·3	..	259·1	272·4	5th,6th	254·5	238·0	17th	256·8	257·1	+ 0·9	38	+ 9
1384	Aklavik	68 14	134 50	7·6	1008·8	1009·9	..	262·2	279·7	28th	253·8	241·3	30th	258·0	257·7	..	17	..
1385	Fort Good Hope	66 15	128 38	65·2	1005·5	1014·2	..	264·3	278·0	28th	254·3	241·3	21st	259·3	259·6	+ 7·7	19	- 7
1386	Fort Simpson	61 52	121 15	126	995·8	1012·6	..	264·9	280·8	21st	257·3	233·6	30th	261·1	261·1	+ 3·8	9	-10
1387	Bay River	60 51	115 57	161	991·0	1011·9	..	267·8	282·4	1st	259·5	248·0	15th,16th	263·7	262·9	+ 3·6	13	- 7
1388	Coppermine	67 49	115 10	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1389	Chesterfield	63 45	91 50	4·0	1005·7	1006·2	..	258·8	274·1	2nd	252·6	240·8	22nd,23rd	255·7	255·9	+ 0·5	..	..
1390	Nottingham Island	63 7	77 56	16·5	998·5	1000·6	..	266·1	273·0	3rd	259·8	250·8	23,25,26	262·9	262·9	..	57	..
1391	Hope's Advance	61 5	69 33	73·2	991·2	1000·6	..	267·2	270·8	3,6,10	263·2	255·2	29th,30th	265·2	265·3	..	10	..
1392	Resolution Island	61 18	64 53	38·7	996·8	1001·7	..	269·3	273·0	17th	264·0	249·7	28th	266·7	267·1	..	12	..
1393	Jacobshavn	69 13	51 2	31·6	991·2	995·3	-11·5	264·0	275·0	26th	258·8	252·0	13th	261·4	262·0	- 2·1	13	- 4
1394	Godthaab	64 10	51 43	20	..	..	..	268·1	273·2	18th	262·6	258·1	21st,25th	265·3	266·1	- 2·2	3	-45
1395	Ivigtut	61 12	48 10	30·0	989·6	993·4	- 9·6	269·8	275·4	18th	262·6	256·7	21st	266·2	266·6	- 3·3	26	-86
1396	Angmagssalik	65 36	37 33	29·3	985·1	988·8	-14·7	271·7	277·7	20th	266·8	261·6	11th	269·3	269·3	+ 1·3	38	-40
1397	Stykkisholm	65 5	22 46	25	..	986·2	-18·1	277·7	284·6	15th	273·1	269·7	25th	275·4	275·0	+ 1·5	129	+65
1398	Westmanno	63 24	20 17	122	..	986·4	-15·4	278·7	282·5	16th	274·9	271·0	24th,25th	276·8	277·2	+ 2·0	171	+36
1399	Grimsey	66 33	18 1	22	..	988·2	-16·8	277·8	282·7	15th	..	..	..	..	276·1	+ 3·1	101	+74
1400	Akureyri	65 41	18 5	77	..	989·0	-16·0	277·3	285·0	16th	272·9	268·7	6th	275·1	274·8	+ 1·0	83	..
1401	Jakobshavn	64 41	14 22	18	..	990·0	-14·2	279·9	283·2	16th	274·8	271·3	2nd	277·3	277·5	+ 3·6	372	+262
1402	Myvitns	62 3	6 45	22·9	995·2	998·0	- 7·8	282·0	285·3	2nd	278·2	275·5	30th	280·1	280·6	+ 2·6	137	-29
1403	Lerwick	60 8	W. 1 11	18·0	..	1003·3	- 3·6	282·7	285·2	1st	280·7	278·0	13th	281·7	281·9	+ 2·8	149	+41
1404	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1005·8	1011·2	+ 1·7	282·5	286·6	7th	278·0	271·6	1st	280·3	280·4	+ 3·3	169	- 9
1405	Aalesund	62 28	6 10	6·3	1009·8	1010·6	+ 2·8	..	287·2	3rd	278·0	272·4	1st	..	280·6	+ 2·9	26	-108
1406	Trondheim	63 26	10 25	59·2	1006·2	1013·6	+ 4·6	278·0	284·6	4th	273·4	266·9	1st	275·7	276·3	+ 2·7	8	-70
1407	Bodö	67 17	14 26	17·0	1012·1	1014·2	+ 8·4	..	281·5	3rd	274·9	263·7	2nd	..	277·1	+ 3·2	98	- 6
1408	Haparanda	65 50	24 9	9·2	1021·1	1022·3	+12·9	274·5	279·5	6th	271·8	265·5	2nd	273·1	273·4	+ 5·2	55	+ 6
1409	Helsingfors	60 10	24 57	11·7	1023·7	1025·2	+12·7	276·3	282·1	5th	273·6	267·1	29th	274·9	275·1	+ 2·0	22	-41
1410	Kuopio	62 55	27 40	233	997·1	1026·7	+15·3	272·7	282·0	5th	269·9	262·0	28th	271·3	271·4	+ 1·0	18	-30
1411	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1412	Petrosavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1413	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1414	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1415	Oust-Tsylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1416	Tchernyn	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 2.cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249m	Yugor Strait	69 49	60 45	13·0	1016·7	1018·4	+10·5	270·5	274·1	..	264·5	253·3	..	267·5	267·9	+ 4·3	17	+ 9
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

NOVEMBER - ZONE 3. BETWEEN LATITUDE 60° N. AND 50° N.

302	St. Paul Island	57 15 N	170 10 W	5·8	..	997·9	- 3·3	276·8	278·6	5,14,25	272·7	267·4	30th	274·7	..	+ 1·3	99	+0
303	♯Dutch Harbor	53 55	166 30	4·0	1001·0	1001·3	+ 0·8	280·2	285·2	7th	273·4	267·4	26th	276·8	276·8	+ 1·6	218	+0
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	42	..
305	Dillingham	59 0	158 28	24·4	..	..	..	273·4	278·6	25th	267·5	255·8	1st	270·4	276·3	+ 0·2	136	-3
306	Kodiak	57 48	152 22	4·6	1004·4	1005·1	+ 5·1	278·4	280·8	2,3,21	273·6	269·1	19th	276·0		+ 0·9		-3
309	Sitka	57 3	135 19	19·8	..	..	..	279·3	284·1	4th	272·5	261·3	15th	275·9	..	- 0·8	220	-6
310	♯Prince Rupert	54 18	130 18	51·8	1007·8	1014·3	+ 4·1	279·1	285·2	4th	273·6	267·4	16th,17th	276·3	276·4	- 1·7	241	-6
311	Prince George	53 50	122 48	570	948·2	1019·7	..	270·9	286·3	1st	261·7	245·8	17th,20th	266·3	266·3	- 5·3	64	-7
312	♯Kamloops	50 41	120 20	385	973·9	1022·0	- 0·4	274·5	291·3	1st	268·7	259·1	27th	271·6	271·8	- 3·1	23	-3
313	Calgary	51 2	114 2	1079	887·1	1016·0	- 0·3	274·3	292·4	1st	263·1	246·3	17th	268·7	268·7	- 1·9	8	-7
314	Fort Smith	60 0	111 52	207	985·3	1011·7	..	267·8	283·6	1st	258·8	244·1	17th,30th	263·3	263·5	+ 2·6	17	+1
315	Prince Albert	53 10	105 45	436	960·6	1015·6	- 2·0	272·4	286·9	1st	262·7	249·7	18th	267·6	267·1	+ 1·4	25	-2
316	Qu'Appelle	50 31	103 56	654	936·2	1016·8	- 1·6	273·1	288·0	6th	262·8	247·4	22nd	267·9	267·6	+ 0·3	16	-3
317	Minnedosa	50 30	99 50	515	951·8	1015·8	- 1·8	273·5	289·1	2nd	264·3	254·1	22nd	268·9	268·6	+ 2·0	3	-3
318	Berens River	52 18	97 2	219	..	..	..	274·4	281·3	5th,7th	265·7	255·2	27th	270·1	..	+ 3·7	10	-3
319	Pagwa	50 3	85 18	189	..	..	..	278·6	288·0	18th	267·7	257·4	24th	273·2	..	+ 5·8	146	..
320	Moose Factory	51 14	80 30	9·1	1009·3	1010·5	..	274·6	288·0	17th	264·7	255·2	14th,27th	269·7	270·2	+ 2·0	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	273·4	281·9	17th	269·0	260·2	30th	271·2	..	+ 3·4	78	-3
322	Mistassini Post	50 30	73 55	383	..	..	..	275·4	286·3	21st	268·3	259·1	15th	271·9	..	+ 4·9	..	..
323	Fort Chimo	58 10	68 10	15·2	1002·7	1004·6	..	269·8	277·4	19th	262·2	253·6	30th	266·0	265·8	+ 0·5	42	-3
324	Natashkwan	50 14	61 48	6·1	..	..	..	277·1	287·4	2nd	269·2	258·6	28th	273·1	..	+ 2·9	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††58 44	††17 16	§(15)	..	..	..	..	..	Sea Temp. 282·1|-0·2	..	..	..	..	281·3	..	338	..
334	Valentia Observatory	51 56	10 15	13·7	1000·7	1002·4	-10·2	284·6	287·5	2nd	280·0	274·4	20th	282·3	282·7	+ 1·1	123	+1
335	Aberdeen	57 10	W. 2 6	26·0	1000·6	1003·8	- 5·7	282·8	287·2	3rd	279·3	272·5	30th	281·1	281·2	+ 2·5	62	-2
336	Greenwich	51 29	0 0	46·3	..	1009·9	- 4·7	284·1	289·1	3rd	277·8	271·3	17th	280·9	281·1	+ 1·5	..	..
337	Uccle	50 48	E. 4 22	100	1001·6	1013·8	- 1·1	284·1	291·3	4th	277·8	271·3	18th	280·9	280·6	+ 2·2	40	-3
338	De Bilt	52 6	5 11	3·0	1012·9	1013·3	- 1·2	282·8	290·6	5th	276·8	272·7	21st	279·8	279·7	+ 1·7	37	-1
338a	Hamburg	53 33	9 58	40·3	1011·2	1016·2	+ 1·1	280·8	290·0	4th	276·6	266·1	30th	278·7	278·6	+ 1·7	14	-1
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1017·8	1018·4	+ 5·1	280·3	287·4	4th	277·1	268·5	1st	278·7	279·0	+ 2·6	15	-2
340	Potsdam	52 23	13 4	84·9	1008·0	1018·6	+ 3·1	280·4	290·0	5th	274·5	262·9	30th	277·5	277·1	+ 1·0	9	-3
340a	Uppsala	59 51	17 38	24	1018·3	1021·3	+10·9	277·6	285·6	4th	274·7	262·4	1st	276·2	276·3	+ 3·2	13	-2
341	Warsaw	52 13	21 3	88·3	1012·8	1024·0	+ 5·2	277·6	285·4	7th	272·5	261·0	30th	275·1	274·9	- 1·9	6	-3
342	Tartu (Ülikooli)	58 23	26 43	80·8	1015·5	1025·8	+12·8	274·5	284·4	5th	271·4	259·4	28th	272·9	273·1	+ 0·7	6	-3
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	11	..
346	Kazan	55 47	49 8	80·6	1018·6	1029·0	+ 9·8	270·3	279·0	7th	267·0	246·5	28th	268·7	268·8	+ 0·1	..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N., °	E., °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡Table of Authorities, Remarks, pages 105-15. ♯Change of normals, see Table of Authorities, pages 105-15.
††Mean latitude and longitude of the observations. § Number of observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N. NOVEMBER - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
422	Victoria, B.C.	48 24	123 19	70·1	1008·1	1016·8	+ 1·1	281·1	286·3	2nd	276·7	271·9	21st	278·9	278·7	- 1·0	134	- 3
423	Portland, Oregon	45 32	122 41	46·6	1013·2	1018·9	- 0·2	282·8	292·4	1st	276·5	269·1	30th	279·7	279·2	- 1·0	162	- 2
424	♯Macleod																	
424a	Helena	49 44	113 24	953	..	..	..	276·0	292·4	3rd,6th	265·3	246·9	27th	270·7	270·6	- 1·7	47	+31
425	Salt Lake City	46 34	112 4	1257	873·0	1018·9	- 1·3	276·4	294·1	7th	266·7	251·9	22nd	271·6	271·3	- 1·7	21	+ 2
425	Cheyenne	40 46	111 54	1329	867·9	1018·6	- 2·3	279·8	296·3	6th	270·9	260·2	24th	275·3	275·9	- 2·4	50	+15
425a	North Platte	41 8	104 48	1856	811·0	1017·9	- 1·6	279·8	294·7	2nd	267·1	251·9	22nd	273·4	273·5	- 1·1	10	- 2
427	Bismarck	41 8	100 45	860	916·0	1017·6	- 2·3	283·2	299·7	7th	268·8	260·2	25th	276·0	275·9	+ 0·7	15	+ 3
428	Winnipeg	46 47	100 48	510	954·3	1016·6	- 2·1	277·6	296·3	2nd	267·4	256·9	28th	272·5	272·7	+ 1·7	6	-11
	Duluth	49 53	97 7	232	986·1	1015·2	..	276·1	291·9	7th	268·1	254·7	27th	272·1	271·6	+ 5·0	30	+ 3
429	Fort Arthur	46 47	92 6	345	971·9	1014·2	- 3·0	279·6	291·3	8th	271·1	259·1	26th	275·3	275·0	+ 3·6	99	+60
430	Chicago	48 27	89 12	196	989·0	1013·2	- 2·1	279·2	285·2	8th,16th	272·3	264·1	25th,26th	275·8	275·9	+ 5·4	88	+51
431	Toronto	41 47	87 35	205	993·9	1018·6	+ 0·3	286·6	295·8	9th	279·4	268·6	25th	283·0	282·9	+ 4·7	118	+57
432	♯New York (Central Park)	43 40	79 24	116	1005·3	1019·6	+ 2·0	284·1	291·9	23rd	277·3	271·9	26th,27th	280·7	280·2	+ 4·9	62	- 5
433	St. John, N.B.	40 47	73 58	47·4	1016·7	1022·5	+ 4·7	287·5	295·8	13th	280·6	271·9	7th,28th	284·1	283·9	+ 3·9	15	-64
433a	S.W. Point, Anticosti	49 24	63 33	9·1	1012·2	1013·3	..	277·6	281·9	24th	273·1	265·2	27th,28th	275·3	275·3	+ 3·3	54	-15
434	Sable Island (Main Station)	43 57	60 6	7·6	1019·5	1020·4	..	282·9	286·9	13th	278·3	271·9	29th	280·6	280·6	+ 1·1	45	-93
435	St. John's, Newfoundland	47 34	52 42	74·1	1004·6	1013·8	+ 2·0	..	288·6	25th	..	265·2	29th	277·4	..	+ 1·6	54	-99
436	Madrid																	
436a	Mantes	40 24	3 41	667	940·3	1018·9	0·0	285·8	290·9	1st	277·7	273·8	17th	281·8	281·5	+ 0·6	49	-13
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1007·7	1012·1	- 3·4	285·3	290·2	3rd	278·8	271·9	1st	282·1	281·8	+ 1·2	125	+38
438	Marseille	48 49	E. 2 30	50·3	1007·9	1014·1	- 2·3	284·2	292·4	4th	278·1	271·5	1st	281·2	281·2	+ 2·4	59	+10
438a	Zürich	43 18	5 23	75	..	1015·3	- 0·1	288·4	292·0	3rd	281·2	274·4	30th	284·8	284·4	+ 0·7	142	+70
439	Rome	47 23	8 33	493	958·1	1017·5	- 1·2	281·9	288·8	26th	275·9	271·3	1st	278·9	278·4	+ 1·9	18	-50
440	Vienna	41 54	12 29	45·5	1010·9	1016·3	+ 0·8	288·9	291·7	1st	281·7	277·0	23rd,24th	285·3	285·1	+ 0·6	154	+42
441	Budapest	48 15	16 22	203	996·2	1021·4	+ 3·2	278·5	287·2	11th	274·6	267·1	30th	276·6	276·5	- 0·5	38	- 7
442	Sofia	47 31	19 1	130	1006·5	1022·7	+ 3·7	280·9	288·4	10th	275·1	271·2	30th	278·0	277·7	+ 0·1	80	+29
	Bucharest	42 42	23 20	550	957·6	1024·6	+ 3·6	280·2	291·7	11th	273·3	266·3	30th	276·7	276·3	- 1·2	25	-23
443	Odessa (Observatory)	44 25	26 6	82	1014·7	1025·0	+ 4·8	281·4	294·1	10th	274·4	264·0	30th	277·9	277·5	+ 0·2	71	+23
444	Novorossiisk	46 26	30 46	42·8	..	..	..	278·6	..	..	274·0	..	..	276·3	..	- 1·3	..	..
445	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
446	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
449	Kazalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Andijan	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
453	Moukden	41 46	123 24	44·3	1018·4	1024·0	+ 0·1	280·7	291·8	8th	268·9	259·2	28th	274·8	274·4	+ 2·6	2	-22
454	Jodhin	40 40	129 12	31·9	1018·6	1022·6	+ 2·6	283·2	289·2	9th	273·8	264·3	18th	278·5	278·4	+ 1·7	21	-27
455	Iuki	42 20	130 24	63·8	1014·9	1022·9	+ 2·3	279·8	291·1	7th	270·7	260·1	18th	275·3	275·3	+ 1·4	1	-23
456	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
457	Oshiai	47 20	142 47	27·4	1012·8	1016·3	+ 3·5	275·5	286·1	4th	266·0	257·3	21st	270·7	271·0	+ 0·1	55	-24
458	Nemuro	43 20	145 35	26·7	1014·1	1017·4	+ 2·7	281·3	287·3	9th	274·5	267·8	21st	277·9	277·9	+ 0·6	61	-22
458a	Syuma	45 14	147 53	39·3	1010·7	1015·6	+ 3·0	278·6	284·9	5th	272·8	267·4	27th	275·7	276·0	0·0	108	-23
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N. NOVEMBER - ZONE 5 (AMERICA).

510	San Francisco	N.	W.																
510a	Sacramento	37 48	122 26	47·2	1011·8	1017·6	- 1·6	289·2	299·7	6th	281·8	276·9	23rd	285·5	284·9	- 0·6	74	+13
512	San Diego	38 35	121 30	21·0	1014·9	1017·3	- 1·5	288·8	301·3	6th	277·9	270·8	23rd	283·3	284·0	- 1·7	33	-16
513	Modena	32 43	117 10	26·5	1012·8	1015·9	- 0·6	291·3	300·2	4th	282·7	276·3	24th	287·0	287·1	- 1·1	50	+27
514	Santa Fé	37 48	113 54	1668	832·7	1017·6	- 3·0	279·5	295·8	3rd	265·1	249·1	23rd	272·3	272·1	- 3·1	55	+41
515	Denver	35 41	105 57	2138	786·0	1016·6	- 1·9	281·3	292·4	2nd	270·4	256·3	24th	275·8	275·8	- 0·7	29	+10
516	Abilene	39 45	105 0	1613	836·1	1017·3	- 1·5	282·3	298·6	2nd	270·0	255·2	22nd	276·1	276·7	- 0·9	15	0
517	Saint Louis	32 23	99 40	530	955·6	1016·9	- 1·7	292·4	299·1	7th	282·3	273·6	30th	287·3	287·1	+ 2·4	89	+54
518	Mobile	38 38	90 12	173	998·6	1019·3	+ 0·1	290·1	300·8	8th	281·3	271·9	25th	285·7	285·4	+ 5·3	118	+45
519	Nashville	30 41	88 2	17·4	1019·3	1021·3	+ 1·5	296·4	299·1	19th	286·2	276·9	1st	291·3	290·8	+ 3·6	20	-74
520	Charleston	36 10	86 47	166	1002·7	1022·7	+ 2·0	292·7	299·1	13th	282·0	273·0	7th	287·3	287·2	+ 4·9	95	+ 5
521	Washington	32 47	79 56	14·6	1021·7	1023·3	+ 3·3	294·8	299·1	13th	285·6	278·6	1st	290·2	289·7	+ 2·9	13	-48
522	Bermuda	38 54	77 3	34·1	1018·9	1023·0	+ 3·5	290·2	298·0	18th	280·3	271·9	7th	285·2	284·8	+ 4·7	26	-37
		32 17	64 46	38·1	1016·5	1021·0	..	296·3	300·2	26th	291·0	289·1	8,9,17	293·7	293·4	+ 0·1	164	+38
		N., °	W., °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1014·6	1020·0	- 0·8	292·8	296·5	2nd	287·9	284·9	18th	290·3	‡290·5	+ 0·4	166	+0
531	Horta	38 32	28 38	65	1011·8	1019·6	- 0·7	292·5	295·5	2nd	289·5	287·0	22nd	290·0	290·0	+ 0·0	151	..
532	Ponta Delgada	37 44	25 40	22	1016·8	1019·4	- 0·6	292·4	294·5	2nd	288·3	285·6	18th	290·3	290·4	+ 0·7	144	+101
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	17	-28
533	Madeira (Funchal)	32 38	16 55	25	1018·0	1021·0	+ 2·1	295·5	297·6	8th	289·5	287·0	18th	292·5	292·4	+ 1·4	75	-38
535	Lisbon	38 43	9 9	95	1007·4	1018·9	+ 1·2	290·3	294·9	2nd,3rd	284·6	281·0	18th	287·5	287·4	+ 1·1	97	-5
536	Gibraltar	36 6	5 21	27·4	..	1018·7	+ 0·6	293·1	296·9	9th	286·3	281·3	16th,17th	289·7	289·1	..	..	..
536a	Colomb-Béchar	31 37	W. 2 13	769	..	..	..	..	..	..	..	..	..	..	..	..	..	..
537	Palma	39 34	E. 2 39	23	1013·2	1015·9	- 1·3	292·6	296·4	10th	283·6	279·4	17th	288·1	287·2	+ 0·4	73	-75
538	Algiers	36 46	3 13	59	1010·4	1017·5	+ 0·8	292·5	299·2	6th	287·0	283·0	17th	289·7	289·5	+ 0·9	69	-1
538a	Gadames	30 18	9 30	351	..	..	..	301·1	307·0	19th	282·3	278·1	15th	291·7	..	+ 2·3	2	-1
539	Tunis	36 48	10 10	66	1008·8	1016·6	+ 0·8	293·3	301·2	12th	285·1	282·2	27th	289·2	289·0	+ 0·9	43	0
540	Malta	35 54	14 31	71·2	..	1017·3	+ 1·7	293·2	296·3	12th,19th	288·4	285·2	8th,29th	290·8	290·0	+ 0·1	93	-52
541	Athens	37 58	23 43	107	1008·0	1020·9	+ 3·7	290·4	296·4	13th	283·6	277·7	24th,27th	287·0	286·5	+ 0·1	20	-26
542	Alexandria	31 12	29 53	32·0	1015·2	1019·0	+ 1·7	297·9	301·0	1st	289·7	285·3	30th	293·8	292·9	- 0·5	6	-4
543	Ankara	39 58	32 48	861	920·9	1023·0	+ 2·7	282·9	292·6	15th	271·3	264·0	4th	277·1	276·7	+ 0·1	38	-23
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1017·7	+ 1·2	294·0	298·6	14th	280·6	275·2	28,29,30	287·3	..	- 2·0	0	-23
544	Beirut	33 54	35 28	33·7	..	1016·6	- 0·5	293·7	298·1	1st	288·5	284·0	27th	291·1	291·0	- 1·1	53	-7
545	Hinaidi	33 17	44 29	32·9	1013·5	1017·3	- 0·6	296·2	305·2	4th	282·9	273·6	29th	289·6	289·9	- 0·8	13	-1
546	Lenkoren	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehren	35 41	51 25	1220	876·0	1012·8	..	..	..	..	..	..	..	..	..	..	30	+8
548	Meshed	36 17	59 36	946	..	..	..	288·6	294·3	7th	277·9	271·3	29th	283·3	283·0	- 1·3	37	-2
								287·0	297·8	23rd	..	..	..	..	..	..		
549	Seisten	31 2	61 30	7610	963·1	..	..	294·7	299·2	3rd	279·5	274·3	25th	287·1	..	+ 0·5	0	-2
550	Quetta	30 10	67 1	1647	839·9	..	0·0	292·4	295·8	10th	273·3	269·7	13th	282·9	282·6	+ 0·5	1	-1
551	Peshawar	34 1	71 35	355	976·8	1018·7	0·0	299·3	303·6	2nd,3rd	282·8	279·7	26th,28th	291·1	290·0	+ 1·6	3	-2
551a	Lahore	31 35	74 20	214	992·0	1017·4	+ 0·5	301·2	303·0	3rd,19th	282·3	279·1	28th	291·7	290·6	+ 0·3	0	-3
552	Simla	31 6	77 10	2202	784·4	..	+ 0·3	287·6	290·2	27th	280·5	278·0	5th,14th	284·1	283·8	+ 0·5	1	-1
552a	Leh	34 9	77 34	3503	669·1	..	+ 0·1	282·3	285·8	3rd	268·4	262·4	13th	275·3	274·2	+ 1·1	0	-1
558	Sian	34 31	109 5	365	979·9	1024·2	..	284·2	293·0	7th	276·6	273·0	19th	280·4	280·7	..	28	+8
559	Hankow	30 35	114 17	39·1	1019·8	1024·6	- 0·6	288·8	297·1	9th	282·2	272·3	28th	285·5	285·5	+ 0·5	23	+7
560	Tientsin	39 9	117 9	6·4	1024·6	1025·2	0·0	283·4	293·8	1st	273·5	264·0	18th	278·4	278·5	+ 0·8	18	+3
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1021·9	1022·7	- 1·0	291·4	296·1	3rd	282·7	273·4	29th	287·0	286·2	+ 2·1	70	+29
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1014·7	1023·3	+ 0·4	286·8	292·1	2nd	277·6	266·2	18th	281·7	281·3	+ 2·0	41	-2
562a	Nagasaki	32 44	129 52	133	1004·8	1020·7	- 0·1	291·3	296·5	14th	283·7	277·4	19th	287·5	287·0	+ 1·4	64	+1
563	Kyoto	35 1	135 44	42·9	1015·8	1021·0	+ 1·6	290·7	296·8	15th	279·2	273·8	30th	284·9	284·5	+ 1·8	92	+1
564	Tokyo	35 41	139 46	5·8	1019·6	1020·3	+ 2·0	288·9	295·9	10th	280·3	273·0	30th	284·6	284·4	+ 1·1	108	+3
565	Hukusima	37 45	140 28	68·5	1012·5	1020·9	+ 2·7	287·6	295·3	10th	275·9	268·1	30th	281·7	281·3	+ 0·3	58	-26
566	Miyako	39 38	141 59	30·4	1015·7	1019·4	+ 2·1	288·0	296·0	9th	275·4	270·3	21st	281·7	280·6	+ 0·4	48	-3
		N.	E.															

NOVEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

601	Midway Island	28 13	177 22	5·8	1017·1	1017·8	..	298·6	300·8	sev.dates	290·7	286·9	sev.dates	294·6	294·1	+ 0·1	39	-25
605	Honolulu	21 19	157 52	11·6	1014·2	1015·6	- 0·8	299·2	300·2	7th	294·6	290·2	29th	296·9	296·7	+ 0·3	26	-20
613	Guaymas	27 55	110 53	8·3	1013·6	1014·6	+ 0·1	299·1	307·8	6th	289·1	282·0	27th	294·1	294·2	- 1·3	28	-1
614	La Paz, Mexico	24 10	110 20	12	1011·1	1012·5	..	298·0	302·8	7th	293·1	288·8	18th	295·5	295·1	- 0·5	0	-1
615	Leon	21 7	101 41	1809	821·4	1012·6	- 1·3	299·3	302·4	24th	281·2	277·0	6th	290·3	288·5	+ 1·8	11	-2
616	Monterry	25 40	100 18	528	954·7	1014·8	- 2·5	296·6	303·0	19th	287·7	279·8	26th	292·1	292·3	+ 0·4	2	-1
617	Tulancingo	20 5	98 22	2181	790·4	..	- 0·8	294·2	298·6	21st	279·7	276·4	5th	286·9	286·1	+ 3·4	95	+7
618	Galveston	29 18	94 50	16·5	1017·3	1019·3	- 0·2	296·3	300·8	5th	291·0	283·6	25th	293·7	293·7	+ 3·5	73	+3
618a	New Orleans	29 57	90 4	16·2	1018·6	1020·3	+ 1·0	297·6	300·8	14th	289·1	283·0	2nd	293·3	292·6	..	..	..
619	Merida, Yucatan	20 58	89 38	22	1013·3	1015·9	- 0·4	300·6	302·6	18th	293·1	291·0	12th	296·9	295·9	- 0·5	9	-3
620	Havana	23 7	82 25	77·0	1006·5	1015·4	- 0·9	299·0	302·4	30th	293·2	291·6	9th	296·1	296·1	..	342	+17
620a	Key West	24 33	81 48	6·7	1016·6	1017·3	+ 0·4	298·9	300·8	30th	294·7	292·4	1st	296·8	296·2	+ 0·4	177	+8
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·1	+ 1·4	299·5	301·9	21st	295·1	294·1	5,6,10	297·3	297·2	+ 0·1	..	..
622	San Salvador(Watling Island)	24 6	74 26	33·5	1013·0	1016·9	+ 0·2	..	303·0	1st	..	294·1	9th	..	298·1	- 0·2	0	-7
633	Port Etienne	20 56	17 3	4	1014·5	..	..	301·8	310·5	7th	286·5	283·3	23rd	294·1	291·4	..	21	+1
634m	Izaña	28 19	16 30	2367	769·5	..	+ 1·1	284·9	289·7	16th	277·9	273·3	18th	281·4	281·1	+ 2·1	..	..
634	La Laguna	28 28	16 20	547	952·9	1015·9	- 1·6	293·4	299·8	5th	285·6	281·7	23rd	289·5	288·9	+ 1·1	..	..
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Tamanresset (Fort Laperrine)	22 45	E. 5 0	?1350	863·2	1008·1	..	299·0	303·1	1st	284·2	280·3	26th	291·6	291·6	+ 0·2	0	-1
639	Sebha	27 1	14 27	424	..	..	..	299·1	303·1	9th	283·1	281·7	24th	291·1	..	..	0	-1
640	Hon	29 8	15 56	263	..	..	..	300·2	307·0	1st	278·9	274·0	25th	289·5	..	..	0	-1
641	Ghirabub	29 44	24 30	12	..	..	..	295·4	299·9	15th	282·7	280·9	30th	289·1	..	..	0	-1
642	Siwa	29 12	25 29	-23	1020·7	1018·0	0·0	298·9	302·5	1,11,12	282·3	279·8	7th	290·6	290·2	- 0·2	1	-1
643	Cairo (Helwan)	29 52	31 20	116	1004·2	1017·9	+ 1·1	296·8	301·6	1st	287·0	281·4	28th	291·9	291·3	- 1·2	..	..
643a	Aswan	24 2	32 53	100	1002·6	1014·1	- 0·2	303·0	313·0	1st	288·7	283·0	30th	295·9	295·0	- 1·0	0	-1
644	Tor	28 14	33 37	1·9	1014·4	1014·6	- 0·2	297·6	300·5	1st	286·7	282·8	30th	292·1	292·0	..	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1015·3	1015·9	..	298·3	302·8	3rd	290·6	285·2	30th	294·4	294·1	+ 0·2	3	-32
648	Jask	25 45	57 45	4·0	1015·2	1015·7	..	302·4	303·7	3rd	295·9	290·6	7th	299·2	298·9	+ 1·7	0	- 7
649	Karachi	24 48	66 59	4·0	1015·7	1016·1	+ 0·2	302·4	304·7	4th	292·7	290·2	5th	297·6	297·3	+ 0·4	0	- 1
650	Jacobabad	28 17	68 29	56·7	1010·0	1016·7	+ 0·4	304·5	306·9	4,20,24	285·6	283·0	3rd,6th	295·1	294·4	+ 1·2	0	- 2
651	Jaipur	26 55	75 50	436	968·1	1018·1	+ 1·1	303·1	304·7	20,23,24	285·5	282·4	27th	294·3	293·4	- 0·1	0	- 4
652	Nagpur	21 9	79 7	310	980·8	1016·6	+ 0·6	302·2	305·2	4th	288·7	284·1	29th	295·4	295·1	- 0·3	9	- 9
653	Allahabad	25 26	81 50	94·2	1005·5	1016·7	+ 0·4	301·8	304·1	26th	285·8	282·4	28th	293·8	292·9	0·0	0	- 8
654	Darjiling	27 3	88 16	2265	778·5	..	- 0·2	286·0	288·6	1st	279·2	278·0	13,14,15	282·6	282·3	+ 0·2	11	- 8
655	Calcutta	22 32	88 20	6·4	1014·8	1015·6	+ 0·7	300·8	303·6	2nd	291·8	289·1	16th,17th	296·3	295·9	+ 0·4	128	+111
656	Gauhati	26 11	91 45	59·7	1009·5	1016·4	0·0	300·3	304·1	2nd	288·2	285·8	17th	294·3	293·6	- 0·5	0	-11
656a	Cherrapunji	25 15	91 44	1313	872·0	..	+ 0·7	291·4	294·1	3rd	284·9	281·9	14th	288·2	287·6	- 0·9	17	-66
657	Akyab	20 8	92 55	8·8	1014·0	1014·9	+ 1·4	301·6	304·1	2nd	293·2	290·8	24th	297·4	297·0	- 1·0	112	-28
658	Mandalay	21 59	96 6	76·2	1006·7	1015·6	+ 0·8	303·0	306·9	2nd	291·4	288·6	24,26,27	297·2	296·6	- 1·1	46	+ 5
659	Tengzueh	25 0	98 40	1634	838·0	1015·8	..	291·6	293·6	3rd	278·0	274·7	15,21,24	284·8	284·0	- 1·2	..	..
660	Pak Lam	20 48	106 38	116	..	1016·9	- 0·4	300·7	304·2	13th	291·9	288·0	9th	296·3	295·3	+ 1·0	0	-61
661	Monway	21 31	107 58	9·0	..	1016·8	- 0·5	300·3	305·0	9th	290·5	284·0	7th	295·4	294·6	+ 1·2	2	-71
662	Hongkong	22 18	114 10	33·2	..	1016·4	- 1·2	297·4	300·8	14th	291·9	286·1	29th	294·7	294·3	+ 0·5	24	-20
663	Amoy	24 26	118 4	4·9	1017·7	1018·3	- 1·2	297·9	302·4	10th	291·8	287·4	7th,30th	294·9	294·2	+ 0·6	7	-25
664	Taihoku, Formosa	25 2	121 31	9·3	1016·6	1017·7	- 1·1	298·6	306·6	12th	290·9	282·6	6th	294·7	294·2	+ 1·5	34	-32
665	Basco	20 28	121 59	18·7	..	1012·2	- 1·1	299·9	302·6	9th	296·4	294·1	7th,24th	298·1	298·0	+ 0·4	278	-65
666	Hahe	26 12	127 39	29·5	1013·4	1016·8	- 0·8	297·6	301·0	13th,14th	292·6	287·6	30th	295·1	295·0	+ 1·3	89	-48
667	Titirima (Bonin Islands)	27 5	142 11	4·3	1015·7	1016·2	0·0	299·2	301·2	7th	293·7	289·0	15th	296·5	296·1	+ 0·4	39	-104
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

NOVEMBER - ZONE 7.

700	Colima	N. 19 12	W. 103 45	498	957·5	1013·3	+ 0·5	304·8	307·5	4th	290·4	287·1	22nd	297·6	296·4	- 0·3	5	-19
701	Acapulla	19 42	101 7	1923	809·9	1011·8	- 1·7	295·0	296·9	23rd	282·6	280·1	22nd	288·8	288·3	+ 0·7	1	-19
702	Salina Cruz	19 24	99 12	2309	775·2	..	- 0·8	295·0	297·0	13th	278·7	274·5	5th	286·9	286·0	- 0·3	0	-16
703	San Salvador	16 12	95 12	56	1005·4	1011·8	- 1·3	302·4	304·8	15th	294·3	292·0	sev.dates	298·3	299·0	+ 0·1	0	-19
704	Belize	13 42	89 13	682	937·4	1013·2	+ 0·4	306·3	308·6	13th	289·0	286·2	11th	297·7	295·5	0·0	25	-13
705	Jamaica (Negril Pt.)	17 31	88 11	5·2	1014·3	1015·0	- 0·1	301·8	303·8	23rd	293·6	290·2	8th	297·7	297·2	- 0·7	211	+ 4
706	Port au Prince	18 15	78 23	10·1	..	1011·1	- 1·2	303·1	305·7	15th	295·4	292·6	19th	299·3	299·0	+ 0·2	95	- 2
707	Caracas	18 33	72 20	37·4	1007·2	1011·5	- 1·6	303·7	305·5	16th	295·4	293·3	30th	299·5	298·6	0·0	51	-36
708	San Juan, Porto Rico	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
709	Grenada (Richmond Hill)	18 29	66 7	25·0	1008·8	1011·5	- 2·0	301·6	304·7	9th	296·2	293·0	18th	298·9	298·6	+ 0·2	397	+222
710	Barbados	12 5	61 46	188	992·9	1014·2	+ 3·0	304·1	305·2	26th,27th	296·7	295·2	1,2,10	300·4	299·8	+ 1·0	366	+151
711	St. Vicente, C. Verde Is.	13 8	59 36	57·9	..	1010·9	- 1·0	302·1	303·3	10th	295·9	294·4	15th,23rd	299·0	298·8	- 0·1	265	+97
712	Santiago, C. Verde Is.	16 54	25 4	11	1012·9	1014·1	+ 0·4	299·3	300·5	11,23,24	296·1	294·0	22nd	297·7	297·7	+ 0·1	0	- 7
713	Bathurst (Cape St. Mary)	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
714	Hildesfield	14 40	17 26	32	1006·8	1010·4	..	305·2	310·2	11th	296·6	294·1	26th	300·9	300·9	+ 1·6	0	- 3
715	Kaborra	13 29	16 40	15·9	..	..	..	304·2	309·7	9th	294·2	288·0	26th	299·2	299·4	0·0	0	-13
		12 57	7 26	300	..	..	..	308·6	311·0	5th,14th	290·1	284·0	26th	299·3	298·3	..	1	..
		16 45	W. 3 1	273	..	..	..	309·6	315·0	2nd	289·5	284·0	25th	299·6	299·1	..	0	..
716	Sokoto	13 2	E. 5 14	354	..	..	..	309·4	311·9	2nd	293·6	290·2	1,20,30	301·5	301·0	+ 1·1	0	0
717	Kaduna Capital	10 32	7 25	597	943·1	1013·3	..	307·3	309·1	18th,20th	288·9	286·1	15th	298·1	297·6	- 0·3	42	+37
718	Bilma	18 41	12 55	356	..	..	..	307·1	310·8	2nd	285·9	282·2	20th	296·5	298·9	..	0	..
719	Maiduguri	11 47	13 11	361	..	..	..	309·5	315·2	1st	..	..	..	..	‡301·4	- 0·2	0	0
720	Yi Pasher	13 32	25 18	730	927·6	1007·8	..	308·8	311·5	1st,3rd	286·0	281·5	29th,30th	297·4	296·4	+ 0·5	0	0
721	Yi Obeid	13 11	30 14	563	946·6	1008·7	- 0·3	307·6	310·8	2nd	290·0	285·5	28th	298·8	298·7	+ 0·9	0	0
722	Khartoum	15 37	32 33	390	965·7	1008·8	- 1·1	308·6	312·6	1st	294·0	290·3	13th	301·3	301·4	+ 0·7	0	0
723	Port Sudan	19 37	37 13	5·5	1011·9	1012·5	- 0·1	303·9	306·3	12th	297·4	294·6	4th	300·7	300·4	+ 0·3	49	+ 3
724	Barbera, Somaliland	10 26	45 2	13·8	1011·4	1012·9	- 1·0	303·2	304·1	1st,2nd	294·7	293·6	sev.dates	298·9	299·3	- 0·8	0	- 4
725	Aden	12 49	45 2	29·9	1011·4	1014·8	0·0	304·6	307·4	12th	296·8	294·7	25th	300·7	300·1	+ 1·2	0	- 2
726	Bombay	18 54	72 49	11·3	1012·3	1013·5	- 0·1	305·4	307·4	2nd,28th	296·4	294·7	10th,30th	300·9	299·7	+ 0·9	61	+51
727	Kodaikanal	10 14	77 28	2343	772·3	..	+ 0·9	289·7	292·4	6th	282·9	280·8	4 days	286·3	285·7	+ 0·8	308	+101
728	Bangalore	12 58	77 35	921	912·1	1012·8	+ 0·4	300·1	302·4	4th	290·7	286·3	18th	295·4	294·8	+ 0·9	45	-30
729	Madras	13 4	80 15	6·7	1012·5	1013·2	+ 0·4	302·2	304·7	1st	295·9	293·6	17th	299·1	298·5	0·0	423	+61
730	Visagapatam	17 42	83 18	38·4	1010·7	1015·0	+ 1·0	301·3	303·0	3rd	294·7	291·3	17th	298·0	297·6	- 0·5	385	+290
731	Port Blair	11 40	92 43	18·0	1010·5	1012·5	+ 0·7	303·0	303·6	sev.dates	298·5	295·8	14th	300·7	300·3	+ 0·1	24	-217
732	Hongkon	16 46	96 11	5·5	1013·5	1014·2	+ 0·7	305·4	306·9	22nd,28th	295·2	291·9	9th	300·3	299·4	+ 0·6	0	-71
733	Cap St. Jacques	10 20	107 5	180	..	1011·8	..	301·5	303·3	17th	295·4	293·8	8th,30th	298·5	298·0	+ 0·1	7	-73
734	Hue Prang	12 15	109 12	3·6	..	1012·2	..	300·6	303·1	26th	294·0	289·9	9th	297·3	296·9	- 1·1	189	-196
735	Bolinao	16 23	119 53	2	..	1008·1	- 0·9	303·1	304·5	4,16,17	?297·1	?294·6	24th	?300·1	299·8	- 0·1	69	+20
736	Wigan	17 34	120 23	12·2	..	1008·5	- 1·3	303·1	305·8	30th	295·5	291·5	22nd	299·3	298·8	- 1·0	52	+16
737	Manila	14 35	120 59	14·2	..	1009·1	- 0·7	303·3	305·1	17th	296·1	293·5	24th	299·7	298·9	+ 0·1	249	+112
738	Iloilo	11 0	124 36	5·6	..	1007·5	- 0·5	304·5	305·9	29th	..	..	..	..	299·7	+ 0·7	289	+44
739	Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·3	- 0·7	303·3	304·9	24th	297·8	296·3	22nd	300·5	300·6	+ 0·4	308	+118
740	Malpan	15 14	145 46	207	986·1	1006·2	..	301·6	302·6	23rd	296·8	295·2	18th	299·2	299·0	..	233	' ..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1008·8	1009·4	- 0·8	..	..	..	297·2	295·2	4th	..	‡303·4	+ 0·7	17	..
821	∮Cristobal	9 23	79 54	11·0	..	1009·7	- 0·9	301·6	304·1	6th	296·7	295·2	8th	299·2	298·8	- 0·2	770	+434
822	Bogota	4 36	74 5	2645	745·5	..	0·0	292·1	294·1	12th	283·8	281·7	24th	287·9	287·0	+ 0·4	175	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	982·0	1006·3	- 2·6	..	..	..	295·4	293·6	18th,19th	..	‡296·7	+ 0·6	116	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1009·2	- 1·8	303·3	304·1	21st,24th	297·9	294·7	1st	300·6	300·2	+ 0·5	52	+20
826	Paramaribo	5 49	55 9	3·7	1009·7	1010·1	- 1·5	306·0	307·4	12th	296·4	295·4	19th	301·2	300·9	+ 0·7	29	-18
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	39	..
833	Konakri	9 31	13 43	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1004·3	1010·6	+ 0·4	303·7	305·0	10,12,14	297·7	294·8	15th	300·7	301·3	+ 0·8	58	+20
835	∮Assuantsi	5 18	1 15	97·3	997·6	1008·7	..	303·6	304·7	3,9,27	..	..	..	..	‡300·9	..	128	+57
836	∮Accra	5 33	W. 0 12	17·7	1008·2	1010·2	- 0·5	302·6	305·8	6th	293·8	292·4	12th,27th	298·2	297·6	- 0·4	257	+98
837	∮Lagos	6 27	E. 3 24	3·0	1009·6	1009·9	+ 0·2	303·8	305·2	3,6,21	296·4	294·1	22,27,28	300·1	299·6	+ 0·2	92	..
838	∮Victoria, Nigeria	4 1	9 12	15·5	1008·1	1009·9	..	303·4	304·7	7,13,20	297·5	295·2	6th	300·4	300·2	- 0·2	57	+16
839	Yola	9 12	12 30	259	..	..	..	301·6	304·7	6th	295·2	292·4	10th	298·4	298·0	..	189	0
841	Wau	7 42	28 3	440	958·7	1007·3	- 1·0	308·6	310·8	4th	293·6	288·6	30th	301·1	300·6	+ 0·1	10	..
								309·3	311·0	4th	293·0	290·5	9,15,22	301·1	299·8	+ 0·9		
843	Malakal (Kodok)	9 35	31 37	394	963·2	1006·7	- 2·0	308·7	311·0	18th	294·1	290·1	8th	301·4	300·5	+ 1·3	6	..
843a	Juba	4 53	31 35	475	954·8	1007·3	..	307·8	309·5	21st	292·6	290·0	9th	300·2	299·2	..	142	..
844	Entebbe	0 5	32 29	1171	..	..	..	300·6	302·2	22nd	290·4	289·1	21,25,26	295·5	..	+ 0·8	155	..
844a	Kampala (Kololo Hill)	0 20	32 36	1310	867·7	1007·1	..	299·6	302·6	6th	290·4	288·4	21st	295·0	294·1	..	5	..
845	Sheikh	9 55	45 15	1463	..	..	..	295·6	298·6	1st	283·2	280·8	2nd,27th	289·4	288·7	..		
851	Minicoy	8 18	73 0	2·7	1011·3	1011·6	- 0·5	303·1	304·1	13th	297·8	295·2	18th	300·4	300·0	..	126	..
851a	Cochin	9 58	76 14	2·7	1011·9	1012·4	+ 0·2	303·6	305·2	16th,30th	297·2	295·2	17th	300·4	300·0	+ 0·1	78	+20
852	∮Colombo Observatory	6 54	79 52	7·3	..	1010·5	+ 0·7	302·8	303·7	2nd	296·1	294·7	17th,23rd	299·4	299·0	+ 0·3	400	+47
853	∮Nuwara Eliya	6 58	80 46	1881	814·2	1012·2	+ 0·3	293·6	296·2	1st	283·6	280·4	1st	288·6	288·0	- 0·5	387	..
854	∮Trincomalee	8 35	81 15	30·2	..	1010·1	+ 0·7	301·3	304·6	7th	296·8	295·2	29th	299·1	298·7	..	355	..
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	139	..
856	Medan	3 35	98 41	25·0	..	1010·2	+ 0·1	303·1	304·5	20th	295·4	293·6	28th	299·3	298·6	+ 0·6	212	..
857	Butterworth	5 25	100 22	2·1	..	1009·5	..	303·6	304·7	sev.dates	296·0	294·7	5th,25th	299·8	299·2	..	173	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·7	+ 0·3	303·8	306·3	15th	296·1	294·7	10th,12th	299·9	298·6	..	266	..
859	Sandaken	5 50	118 7	31·7	1002·3	1008·5	..	303·7	304·7	3,15,22	296·5	295·8	sev.dates	300·1	300·1	- 0·1	289	..
860	Iwahig	9 44	118 38	14·3	..	1007·5	- 0·3	304·2	306·1	7th	295·1	292·7	12th	299·7	299·3	+ 0·2	93	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·9	- 0·4	304·5	306·0	8th,28th	296·7	295·0	26th	300·6	299·6	+ 0·2	162	..
861a	Menado	1 30	124 50	8±5	..	..	..	303·1	305·2	8th	295·8	294·6	28th	299·5	299·0	- 0·2	219	..
862	Surigao	9 48	125 29	6·0	..	1008·2	- 0·3	303·1	304·9	7th	297·2	295·6	11th	300·1	299·8	+ 0·6	308	..
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·2	+ 0·2	302·7	304·5	12th,22nd	297·6	296·2	15th	300·1	299·8	- 0·2	492	..
864	Palau	7 20	134 29	31·8	1004·9	1008·5	- 0·2	302·9	304·3	9th	298·0	296·0	18th	300·5	300·2	+ 0·1	272	..
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·7	..	303·0	304·3	5th	295·8	294·5	9th,22nd	299·4	299·1	..	301	..

NOVEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S.	W.															
902	Atafu	8 32	172 31	1·8	..	1009·4	..	303·2	305·1	9th	299·2	297·4	22nd	301·2	300·8	..	228	..
920	Lambayeque	6 46	80 55	15	1011·4	1013·2	..	300·3	301·5	sev.dates	289·8	285·5	20th	295·1	294·2	..	0	-62
921	Quito	0 14	78 30	2816	727·5	..	- 0·1	294·8	298·8	5th	280·4	274·1	5th	287·6	285·7	0·0	62	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeremobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	300·4	302·4	30th	294·2	293·0	3,7,18	297·3	296·7	- 0·5	5	..
939	Loanda	8 49	E. 13 13	59·3	..	1008·2	- 3·2	299·7	301·8	26th	295·9	293·9	15th	297·8	297·6	0·0	35	..
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	152	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·3	297·1	..	284·2	282·6	..	289·3	289·6	..	87	..
943	Masaka	0 20	31 44	1280	..	..	..	299·7	302·0	19th	289·4	288·2	28th	294·5	293·8	..	104	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·7	1012·9	..	295·7	299·1	8th	286·6	284·4	6th	291·1	290·1	..	120	..
944a	Zanzibar (Town)	6 10	39 12	17·1	1011·5	1013·5	- 0·7	303·0	304·7	19th	298·4	296·9	10th	300·7	300·1	+ 0·5	147	..
944e	Zanzibar (Chukwani Palace)	6 15	39 13	20	1009·0	1011·3	..	305·8	308·9	12th	296·6	295·1	1st,3rd	301·2	300·1	- 0·1		
947	Seychelles, Port Office	4 37	55 27	4·6	1011·0	1011·5	- 0·3	302·4	303·6	18th	295·6	294·1	9th	299·0	298·2	..	300	..
957	∮Padang	0 56	100 22	6·7	..	1010·5	- 0·3	303·0	304·6	4th	296·8	295·9	12th	299·9	299·3	+ 0·3	143	..
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	+ 0·2	304·1	305·3	17th	296·4	292·9	14th	300·2	299·7	+ 0·4	307	..
958a	∮Pontianak	0 1	109 20	2·6	..	1010·4	+ 0·4	303·8	306·8	15th	297·0	296·0	21st	300·4	299·6	+ 0·4	40	..
959	Pasuruan	7 38	112 55	5·0	..	1009·5	0·0	305·9	307·2	9th	297·0	295·2	25th	301·5	301·1	+ 0·5	146	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	..	..
962	Amboina	3 42	128 10	4·2	..	1008·9	0·0	303·9	305·5	17th	297·3	296·0	11th	300·6	300·2	+ 0·7	104	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	107	..
965	Daru	9 4	143 13	7·6	..	1009·7	- 0·4	304·1	..	..	296·9	..	..	300·5	300·0	+ 0·2	153	..
966	Fort Moresby	9 29	147 9	38·4	..	1009·3	- 0·7	..	..	..	295·9	..	..	..	‡301·4	- 0·2	40	..
967	Rabaul	4 9	152 12	12·5	1007·0	1008·3	0·0	306·9	310·1	7th	295·8	294·4	27th	301·3	300·6	+ 0·4	113	320
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·8	305·2	13th	296·6	296·3	7,12,23	300·7	300·5	- 0·1	9	..
970	Ocean Island	0 52	169 35	42·6	1003·9	1008·7	- 1·3	305·6	306·9	29th	298·6	296·9	24th	302·1	301·3	+ 0·9		
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
12001	Vavau	18 39	173 59	9·1	1011·2	1012·2	..	300·2	301·9	22nd	295·1	289·8	14th	297·7	..	..	341	..
12002	Apia, Samoa	13 48	171 46	2·0	..	1009·0	- 0·3	303·0	304·3	30th	295·5	293·9	26th	299·3	299·1	- 0·3	148	-102
12003	Alofi, Niue Island	19 2	169 55	19·8	..	1012·8	+ 0·6	301·1	303·0	25th,26th	293·1	290·2	28th	297·1	296·9	- 1·1	102	-39
12004	Lima																	
12005	Africa	12 5	77 3	111	1000·9	1014·0	..	296·2	297·4	9th	287·6	286·0	15th	291·9	290·8	..	2	..
12006	La Paz, Bolivia	18 28	70 20	5	..	..	..	..	..	..	..	..	..	..	..	..	0	0
		16 30	68 8	3658	656·6	..	- 0·7	293·3	297·8	3rd	279·0	276·7	20th	286·1	285·9	+ 1·3	21	-27
12007	Corumba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12008	Cuyaba	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12009	Bello Horizonte	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12010	Castile	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12011	Cruzina (Bahia)	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12012	Aracaju	10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12013	St. Helena	15 57	W. 5 40	579	946·8	1014·2	+ 0·1	289·2	293·0	30th	285·4	284·1	4th	287·3	287·4	- 0·4	47	+17
12014	Mossamedes	15 12	E. 12 9	12·5	1011·0	1012·5	..	..	299·1	29th	..	287·0	15th	..	..	..	4	+ 1
12015	Livingstone	17 51	25 51	972	905·2	1010·3	..	304·4	309·1	27th,29th	290·4	287·4	13th	297·4	..	- 3·0	242	+160
12016	Elizabethville	11 39	27 28	1230	874·9	1005·7	- 1·5	301·5	307·3	2nd	289·8	287·8	9th	295·7	..	- 0·5	124	+ 1
12017	Dwelo	19 26	29 45	1411	862·7	1013·4	..	298·3	304·1	28th	288·2	286·3	22nd,23rd	293·3	..	- 2·0	131	+41
12018	∮Salisbury (Dept. Agric.)	17 48	31 5	1489	853·2	1011·4	+ 0·1	298·4	303·7	4th	288·5	286·2	25th	293·5	292·8	- 1·1	166	+75
12019	Zombe	15 23	35 18	955	905·7	1008·4	- 0·1	301·6	307·4	4th	291·5	288·6	24th,25th	296·6	295·9	- 0·6	155	+26
12020	Quiritybe	25 25	49 17	908	..	..	..	305·1	307·9	3rd	296·6	294·8	4th	300·9	300·9	..	63	..
12021	Rio de Janeiro	22 54	W. 43 10	18·3	864·2	1011·9	- 0·9	299·0	302·0	3rd	288·1	284·8	18th	293·5	291·8	- 0·9	205	+75
12022	∮Windhoek	22 34	E. 17 6	1727	829·5	1008·7	..	301·8	307·0	29th	288·2	281·2	3rd	295·0	294·5	- 0·3	23	+ 2
12023	∮Orlep	29 36	17 52	933	910·0	1012·3	- 0·7	302·8	308·5	20th	286·6	280·7	2nd	294·7	294·5	+ 2·6	0	- 5
12024	Kimberley	28 44	24 46	1218	879·9	1010·9	+ 1·1	301·8	307·6	29th	288·9	284·6	7th	295·3	294·8	+ 0·1	108	+71
12025	Johannesburg	26 11	28 4	1806	823·8	1013·9	+ 0·5	296·8	303·9	30th	285·2	281·3	7th	291·0	290·6	+ 0·4	117	- 9
12026	Bulawayo	20 9	28 35	1349	868·8	1013·7	+ 2·1	298·6	304·7	28th	288·2	284·7	22nd	293·4	293·1	- 2·1	107	+23
12027	Durben	29 52	31 3	15·2	1015·1	1016·9	+ 0·5	298·4	301·8	18th	292·6	288·7	8th	295·5	295·0	+ 0·8	46	-80
12028	Lourenco Marques	25 58	32 36	59·5	..	1016·2	+ 1·6	300·9	308·1	28th	292·5	289·0	8th	296·7	296·1	- 0·1	66	-10
12029	∮Mauritius	20 6	57 33	55·2	1008·3	1014·7	- 1·4	301·1	303·5	29th	293·3	289·3	4th	297·2	296·8	- 0·1	97	+52
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

NOVEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S.	W.															
12030	Nukualofa, Tonga	21 8	175 12	3·0	1013·7	1014·1	..	300·0	301·9	24th,25th	292·8	289·1	30th	296·4	..	..	166	..
12031	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	299·1	301·9	27th	291·3	285·2	5th	295·2	295·0	- 1·5	128	-26
12032	Punta Tortuga, Coquimbo	29 55	71 22	25	1013·1	1015·9	+ 0·1	290·7	294·0	12th	285·5	283·4	9th	288·1	287·8	- 0·4	6	+ 5
12033	Antofagasta	23 42	70 24	94	1002·5	1013·6	- 2·9	294·2	295·5	sev.dates	287·3	285·0	14th	290·7	290·6	+ 0·1	1	+ 1
12034	Catamarca	28 29	65 47	528	950·8	1009·8	+ 2·2	305·1	315·0	29th	289·2	276·0	9th,10th	297·2	296·3	- 1·4	25	-10
12035	Salta	24 46	65 24	1173	880·8	1008·2	- 0·2	298·2	307·4	30th	284·1	272·3	10th	291·2	291·5	- 2·7	19	-39
12036	Goya	29 9	59 15	37	1007·0	1011·3	+ 0·6	300·8	312·5	29th	288·5	279·6	10th	294·6	293·8	- 1·7	66	-38
12037	Asuncion	25 17	57 41	139	997·4	1013·3	+ 3·3	304·2	309·8	30th	292·0	282·6	10th	298·1	297·7	- 0·2	71	-72
12038	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	63	..
12039	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12040	∮Windhoek	22 34	E. 17 6	1727	829·5	1008·7	..	301·8	307·0	29th	288·2	281·2	3rd	295·0	294·5	- 0·3	23	+ 2
12041	∮Orlep	29 36	17 52	933	910·0	1012·3	- 0·7	302·8	308·5	20th	286·6	280·7	2nd	294·7	294·5	+ 2·6	0	- 5
12042	Kimberley	28 44	24 46	1218	879·9	1010·9	+ 1·1	301·8	307·6	29th	288·9	284·6	7th	295·3	294·8	+ 0·1	108	+71
12043	Johannesburg	26 11	28 4	1806	823·8	1013·9	+ 0·5	296·8	303·9	30th	285·2	281·3	7th	291·0	290·6	+ 0·4	117	- 9
12044	Bulawayo	20 9	28 35	1349	868·8	1013·7	+ 2·1	298·6	304·7	28th	288·2	284·7	22nd	293·4	293·1	- 2·1	107	+23
12045	Durben	29 52	31 3	15·2	1015·1	1016·9	+ 0·5	298·4	301·8	18th	292·6	288·7	8th	295·5	295·0	+ 0·8	46	-80
12046	Lourenco Marques	25 58	32 36	59·5	..	1016·2	+ 1·6	300·9	308·1	28th	292·5	289·0	8th	296·7	296·1	- 0·1	66	-10
12047	∮Mauritius	20 6	57 33	55·2	1008·3	1014·7	- 1·4	301·1	303·5	29th	293·3	289·3	4th	297·2	296·8	- 0·1	97	+52
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1009·2	1009·7	- 0·1	305·8	315·2	30th	292·3	289·2	6th	299·1	..	- 0·6	1	
1160	Cue	27 27	117 52	454	961·7	1012·3	+ 1·4	303·3	310·8	29th	289·8	283·7	7th	296·6	..	- 1·7	42	
1161	Nullagine	21 53	120 5	386	..	..	..	307·7	314·1	30th	291·1	285·8	17th	299·4	..	- 3·5	23	
1162	Laverton	28 40	122 23	466	962·2	1014·8	+ 2·8	300·2	310·1	30th	286·9	282·0	16th	293·6	293·4	- 4·1	9	
1163	Alice Springs	23 38	133 37	587	946·4	1011·0	+ 0·9	304·3	311·3	27th	288·4	281·9	22nd	296·4	296·2	- 2·8	1	
1164	William Creek	28 55	136 21	76·2	1005·6	1014·2	+ 1·7	303·8	310·6	4th,26th	288·3	283·3	17th	296·0	295·5	- 1·9	10	
1164a	Boulia	22 55	139 38	146	993·1	1009·3	+ 0·6	308·2	315·6	7th	292·3	286·4	22nd	300·2	300·0	- 1·9	30	
1165	Thargomindah	27 58	143 43	123	997·8	1011·8	+ 1·1	304·4	312·2	7th	290·9	284·7	21st	297·7	297·3	- 1·6	36	
1166	Mitchell	26 32	147 52	336	974·5	1012·6	+ 1·1	301·9	307·9	27th	288·7	279·4	22nd	295·3	..	- 1·8		
1167	Rockhampton	23 24	150 30	11·3	1011·5	1012·7	- 0·5	302·8	307·0	20th	293·0	287·1	22nd	297·9	297·3	- 0·7	137	
1168	Brisbane	27 28	153 2	41·8	1010·3	1014·8	+ 0·3	299·8	304·6	20th	290·9	287·6	10th,23rd	295·3	294·8	- 0·8	210	
1170	Norfolk Island	29 4	167 59	14·9	1016·8	1018·6	+ 1·6	296·3	299·5	21st	291·2	286·9	1st	293·8	293·4	+ 1·4	91	

NOVEMBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	¢Juan Fernandez	33 37	78 52	6	1020·1	1020·8	+ 0·3	290·1	293·0	25th	285·0	283·5	13th	287·5	287·4	- 0·8	18	
1221a	Punta Tumbes	36 37	73 6	120	1002·2	1016·7	+ 0·3	288·8	292·5	26th	282·5	278·8	8th	285·7	285·5	- 0·2	1	
1222	¢Punta Angeles, Valparaiso	33 1	71 38	41	1011·4	1016·3	+ 0·3	293·2	300·5	9th	284·2	282·2	1st,5th	288·7	288·3	- 0·4	27	
1222a	Santiago	33 27	70 42	520	955·2	1015·2	+ 0·9	296·1	306·5	26th	282·2	276·7	9th	289·1	288·7	- 1·0	95	
1223	Cordoba	31 25	64 12	423	962·6	1011·0	+ 0·2	299·7	311·0	29th	284·4	275·4	10th	292·0	291·9	- 1·3	40	
1224	Bahia Blanca	38 45	62 16	28·7	1008·2	1011·6	- 0·9	298·3	308·0	28th	284·9	274·3	9th	291·6	291·1	- 0·5		
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·4	1012·3	- 1·3	296·9	305·2	29th	284·8	276·3	9th	291·0	291·0	- 0·8	163	
1226	Montevideo (Prado)	34 52	56 12	24·9	1010·1	1013·4	+ 0·3	295·5	307·1	29th	284·2	277·5	10th	289·9	289·9	- 1·5	120	
1226a	Porto Alegre	30 2	W. 51 13	23·5	1009·6	1012·4	- 0·5	298·6	306·6	30th	287·4	279·7	11th	293·0	293·0	- 0·9	157	
1239	Cape Town	33 56	E. 18 29	12·2	1013·8	1015·2	- 0·2	299·2	311·8	16th	288·0	282·7	1st	293·6	292·5	+ 2·0	3	
1240	¢Danger Point	34 37	19 18	27·7	..	..	..	293·3	299·7	16th	287·0	280·8	3rd	290·2	..	+ 0·5	1	
1240a	Klaver	31 47	18 37	41·8	1010·4	1015·3	- 1·8	303·5	314·6	16th	286·7	282·9	3rd	295·1	..	+ 0·7	0	
1241	¢Riversdals	34 6	21 16	105	1006·6	1018·9	..	301·8	314·0	16th	286·2	277·7	3rd	294·0	..	+ 1·9	37	
1242	East London	33 1	27 54	45·4	1011·5	1016·8	+ 1·7	296·3	300·2	24th	289·1	285·2	8th	292·7	..	+ 0·9		
1259	Perth (Observatory)	31 57	115 51	60·0	1010·4	1017·4	+ 1·8	299·2	307·8	29th	286·9	280·3	14th	293·1	292·8	+ 1·1	1	
1260	Katanning	33 42	117 35	310	982·5	1018·4	+ 3·3	297·9	308·9	29th	282·4	277·3	8th	290·2	..	- 0·5	4	
1261	Coolgardie	30 57	121 10	423	968·3	1016·2	+ 3·0	299·1	310·2	30th	284·2	279·1	15th	291·7	291·5	- 3·0	42	
1262	Eucla	31 45	128 58	4·6	1016·6	1017·2	+ 2·6	294·7	305·2	12th	284·8	279·1	1st	289·8	289·2	- 1·9	14	
1263	Streaky Bay	32 48	134 13	13·1	1015·9	1017·4	+ 2·1	296·6	310·2	30th	285·7	278·4	2nd	291·1	290·3	- 1·5	27	
1264	¢Adelaide	34 56	138 35	42·7	1011·8	1016·9	+ 1·7	298·1	308·8	12th	286·2	280·3	1st	292·2	291·7	- 0·2	22	
1265	Melbourne	37 49	144 58	35·1	1012·0	1016·3	+ 1·9	293·9	305·7	13th	283·4	278·8	20th	288·7	288·5	- 0·6	100	
1266	Bourke	30 13	145 58	110	1003·3	1015·9	+ 1·6	304·4	313·6	8th	289·1	282·4	1st	296·8	..	- 1·7	30	
1267	Sydney	33 51	151 13	42·1	1010·4	1015·3	+ 1·6	295·6	302·8	26th	288·4	281·9	21st	292·0	291·6	- 0·4	77	
1268	Lord Howe Island	31 20	159 0	4·9	1015·1	1015·7	- 0·6	296·6	299·7	13th	291·1	286·9	26th	293·8	..	+ 1·1	265	
1271	Auckland	36 51	174 48	40·8	..	1019·2	+ 5·0	293·4	296·9	17th	287·1	283·0	8th,9th	290·3	..	+ 1·0	43	
1272	Napier	39 29	176 55	1·5	..	..	..	294·9	300·5	20th	285·8	275·5	5th	290·4	..	+ 1·5	5	

NOVEMBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	¢Chatham Island	43 52	176 42	45·7	..	1014·5	+ 7·4	..	..	..	..	..	..	..	..	..	30	
1321	Isla Guafo	43 34	74 45	140	1000·8	1017·8	+ 1·7	284·6	292·5	20th	280·8	277·0	5th	282·7	282·6	+ 0·1	67	
1322	Punta Galera	40 1	73 44	40	1012·9	1017·8	+ 0·5	287·2	294·3	20th	281·9	276·3	4th	284·5	284·5	- 0·1	71	
1323	Sarmiento	45 33	69 1	272	978·7	1010·8	+ 2·5	293·4	299·4	27th	281·7	273·9	7th,8th	287·5	287·0	+ 0·2	3	
1324	Puerto Madryn	42 46	W. 65 2	14	1009·4	1011·1	+ 1·1	294·7	304·3	28th	281·8	271·0	9th	288·2	287·8	- 1·2	11	
1365	Launceston	41 27	E.147 10	81·1	1003·7	1013·3	+ 2·9	293·7	301·3	13th	281·1	276·3	1st,24th	287·4	286·6	+ 0·3	58	
1366	Hobart	42 53	147 20	53·9	1006·0	1012·5	+ 3·2	290·3	297·7	14th	281·7	276·6	30th	286·0	285·2	- 0·9	72	
1369	Invercargill	46 25	168 21	3·7	..	..	..	289·8	299·7	19th	280·3	273·0	25th	285·0	..	+ 0·6	93	
1370	Alexandra	45 15	169 24	159	..	..	..	292·4	300·3	17th	280·8	272·2	26th	286·6	..	..	59	
1371	Dunedin	45 52	170 31	6·1	..	1012·0	+ 4·8	291·3	300·7	19th	280·9	275·5	24th	286·1	..	+ 1·3	17	
1371a	Christchurch	43 32	172 39	7·6	..	1012·4	+ 4·0	293·5	301·8	18th	281·0	273·6	25th	287·2	..	+ 0·6	66	
1372	Wellington	41 16	174 46	128	..	1015·3	+ 3·9	290·2	294·3	12th	283·9	275·8	5th	287·1	286·2	+ 0·3		

NOVEMBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	1001·5	1008·2	+ 6·2	280·8	285·0	26th	277·6	274·0	5th	279·2	279·3	+ 0·3	116	
1422	Magallanes	53 10	70 54	28	1002·6	1006·0	+ 5·6	285·6	291·0	25th	277·5	273·0	4th,5th	281·5	281·7	+ 0·2	24	
1423	Punta Dungeness	52 24	68 26	5	1003·9	1004·5	+ 5·4	284·8	289·7	26th	278·1	274·0	12th	281·5	281·2	+ 0·1	30	
1424	Santa Cruz	50 1	68 31	13	1006·1	1007·7	+ 4·6	290·0	299·6	26th	279·8	271·4	7th	284·9	283·9	- 0·9		
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·2	+ 0·8	282·7	289·1	29th	274·4	269·7	4th,7th	278·6	..	- 1·7	58	
1426	Cape Pembroke	51 41	57 42	21·3	999·2	1001·8	+ 2·5	281·2	285·8	29th	275·2	271·3	6th,7th	278·2	278·7	- 1·0	..	
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	988·0	988·5	- 5·4	278·9	285·8	18th	271·7	268·3	8th	275·3	275·5	- 0·4	142	

NOVEMBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	988·4	989·3	+ 0·4	271·5	278·5	16th	267·7	261·3	7th	269·6	269·7	- 1·1	20	
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ¢Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, DECEMBER 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF DECEMBER, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N. DECEMBER - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1427	Cala Bay	80 20	52 48	5·9	998·6	999·4	..	..	273·5	..	..	240·2	..	..	259·9	..	5	..

BETWEEN LATITUDE 80° N. AND 70° N. DECEMBER - ZONE 1.

1504	Wrangell Island	N. 70 58	W. 178 33	6·9	1007·1	1008·1	..	255·0	264·6	6th	247·1	237·0	30th	251·1	251·3	..	1	..
1505	Barrow	71 23	156 17	4·6	..	1011·5	- 1·4	252·9	264·7	7th	244·9	233·6	18th,19th	248·9	..	+ 0·3	0	- 7
1521	Pond Inlet	72 43	78 30	4·0	..	1009·7	..	247·8	259·1	12th	241·5	231·9	24th,25th	244·7	245·0	..	..	..
1525	Spervivik	72 47	56 7	19·2	1002·0	1004·5	- 1·8	263·5	271·9	16th	258·8	251·9	30th	261·1	260·9	+ 4·9	15	+ 2
1526	Myggbukta	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1526	Scoresbysund	70 29	21 58	16·9	1004·4	1006·6	..	261·8	275·1	20th	250·4	234·0	27th	256·1	..	..	..	..
1526	Jan Mayen	70 59	W. 8 18	23·1	999·1	1002·0	+ 0·8	..	277·2	22nd	266·9	260·2	26th	..	269·3	- 0·7	105	+56
1529	Svalbard Radio (Spitsbergen)	78 13	E. 15 38	53·0	990·1	996·9	-10·1	..	277·0	18th	262·5	249·4	31st	..	264·2	..	23	..
1531	Björnöen	74 28	19 17	29·2	991·8	995·5	- 8·1	..	275·9	22nd	268·1	258·3	31st	..	270·2	+ 1·6	40	0
1532	Ainoy	71 4	24 6	4·3	997·1	997·6	- 5·9	..	279·8	23rd	271·9	265·2	31st	..	273·9	+ 1·0	120	+49
1533	Elistoa	71 5	28 14	10·2	996·2	997·5	- 7·4	..	279·0	19th	270·0	262·2	31st	..	272·7	..	78	..
1543	Ivgärdö	70 22	31 5	12·1	996·8	998·3	- 7·2	..	278·8	19th	269·7	264·9	31st	..	272·1	+ 3·3	71	+ 5
1545	Malye Karmakouly	72 23	52 44	15·3	999·2	1001·2	- 7·7	..	273·8	..	..	247·7	..	..	265·4	+ 6·4	8	- 8
1547	Malgatch	70 24	58 48	11·2	1001·6	1003·1	- 6·3	266·5	272·9	..	260·1	248·5	..	263·3	263·4	+ 4·6	7	- 2
1560	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1001·4	1002·4	..	..	274·9	..	..	247·9	..	..	261·1	..	5	..
1562	¢Dickson	73 30	80 23	13·0	1007·2	1009·0	- 4·2	257·0	270·4	..	249·9	241·5	..	253·5	253·3	+ 3·8	4	- 1
1563	Sooloome	70 45	127 47	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. DECEMBER - ZONE 2.

1601	Frevobrajenye	N. 64 52	W. 175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1602	Savvonga	63 43	170 20	5·5	..	..	..	?268·2	?274·7	10th	?259·3	?246·9	23rd	?263·7	..	..	38	..
1603	Wood	64 30	165 24	6·7	999·3	1000·7	- 7·9	263·4	273·0	7th	256·3	239·7	27th	259·9	260·2	+ 1·5	98	+70
1604	Bethel	60 45	161 47	11·6	..	1001·0	- 4·5	265·3	276·3	7th,8th	256·6	235·8	28th	260·9	..	+ 1·2	87	+65
1605	Tanana	65 10	152 6	69·5	998·3	1007·1	- 3·1	255·0	272·4	11th	244·9	228·6	1st,18th	249·9	250·8	+ 1·0	42	+24
1606	Hamgart	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1607	Valdez	61 7	146 16	122	..	..	..	270·8	276·3	12th	261·9	254·7	24th,31st	266·3	..	..	88	..
1608	Eagle	64 46	141 12	250	974·6	1006·8	- 6·3	257·8	267·4	11th,12th	249·2	230·8	2nd	253·5	254·1	+ 4·8	5	- 6
1609	Nelavik	64 4	139 29	324	968·5	1012·1	..	254·1	264·1	13th	246·2	236·3	2,15,19	250·1	250·3	+ 1·1	24	- 1
1610	Fort Good Hope	68 14	134 50	7·6	1008·1	1009·2	..	251·4	267·4	7th	243·8	236·3	2nd	247·6	247·5	..	11	..
1611	Fort Simpson	66 15	128 38	65·2	1005·7	1014·8	..	250·8	266·3	7th,9th	240·6	231·9	3rd	245·7	245·8	+ 1·9	10	- 9
1612	Hay River	61 52	121 15	126	994·8	1012·0	..	254·7	265·8	1st,9th	247·3	233·6	22nd	251·0	252·1	+ 2·8	20	- 2
1613	Coppermine	60 51	115 57	161	989·3	1010·9	..	259·9	268·0	1st	247·9	235·2	21st	253·9	253·3	+ 2·1	23	+ 4
1614	Chesterfield	67 49	115 10	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1615	Nottingham Island	63 45	91 50	4·0	1009·0	1009·5	..	252·4	267·4	30th,31st	244·3	235·2	23rd	248·4	248·5	+ 2·4	..	..
1616	Hopes Advance	63 7	77 56	16·5	1004·9	1007·1	..	257·9	269·1	31st	251·6	241·3	24th	254·8	255·6	..	40	..
1617	Resolution Island	61 5	69 33	73·2	997·9	1007·7	..	257·7	265·8	31st	252·5	245·2	20th,25th	255·1	255·3	..	2	..
1618	Jacobshavn	61 18	64 53	38·7	1002·7	1007·8	..	261·0	267·4	3rd	255·6	248·0	20th	258·3	258·4	..	58	..
1619	Godthaab	69 13	51 2	31·6	996·6	1000·7	- 3·1	264·8	277·0	15th	258·1	247·3	26th	261·5	262·3	+ 2·3	17	+ 4
1620	Ivigtut	64 10	51 43	20	..	..	..	267·7	279·6	2nd	262·6	255·7	23rd,25th	265·1	265·7	+ 0·6	10	-30
1621	Angmagsalik	65 36	37 33	29·3	995·4	999·2	+ 0·1	268·1	279·1	15th	261·3	253·1	28th	264·7	264·8	- 1·4	133	+61
1622	Stykkisholm	65 5	22 46	25	..	1001·1	+ 2·3	275·8	284·2	17th	270·4	264·5	28th	273·1	272·6	+ 0·9	140	+75
1623	Westmanno	63 24	20 17	122	..	1001·6	+ 4·6	276·8	282·0	10th	272·6	263·0	28th	274·7	275·0	+ 1·4	131	- 8
1624	Grimsey	66 33	18 1	22	..	1002·6	+ 1·8	274·1	282·2	21st	..	..	..	..	272·0	+ 0·3	11	- 8
1625	Akureyri	65 41	18 5	7	..	1003·4	+ 2·6	274·9	285·2	21st	269·7	262·4	15th	272·3	272·4	- 0·6	47	..
1626	Teigarhorn	64 41	14 22	18	..	1004·3	+ 4·4	277·5	284·2	10th	271·5	261·8	28th	274·5	273·6	+ 1·1	288	+151
1627	Hjvik	62 3	6 45	22·9	1005·0	1007·8	+ 5·8	280·4	284·0	9th	275·6	269·4	28th	278·0	278·5	+ 1·7	259	+87
1628	Lerwick	60 8	W. 1 11	18·0	..	1011·6	+ 7·4	280·3	284·1	23rd,24th	277·8	271·9	28th	279·1	279·3	+ 1·6	161	+39
1629	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1007·0	1012·5	+ 4·8	277·9	283·0	24th	273·5	266·2	31st	275·7	275·6	+ 0·2	248	+67
1630	Aalesund	62 28	6 10	6·3	1008·8	1009·6	+ 3·0	..	283·8	24th	274·1	268·0	30th	..	276·7	+ 0·7	181	+55
1631	Trondheim	63 26	10 25	59·2	1000·5	1008·0	+ 1·2	274·0	280·8	23rd	269·5	260·2	30th	271·7	272·2	+ 1·6	164	+98
1632	Bodö	67 17	14 26	17·0	1001·0	1003·1	- 1·8	..	280·2	3rd	270·4	260·5	10th	..	272·9	+ 1·4	103	+25
1633	Haparanda	65 50	24 9	9·2	1001·9	1003·1	- 6·8	270·1	277·0	19,22,24	263·8	248·0	31st	266·9	266·9	+ 3·5	48	+13
1634	Hernösand	60 10	24 57	11·7	1004·0	1005·5	- 6·7	272·2	277·4	25th	267·0	258·8	30th	269·6	269·7	+ 0·6	128	+77
1635	Kajo	62 55	27 40	233	975·2	1004·8	- 7·1	268·0	273·0	25th	263·5	256·5	31st	265·7	266·0	+ 0·6	47	0
1636	Petrozavodsk	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1637	Archangelsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1638	Mezen	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1639	Ust-Tsylma	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1640	Ukhtaydyn	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ¢Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1002·6	1004·3	- 5·6	263·1	272·8	..	256·4	245·7	..	259·7	259·8	+ 2·3	17	+20
249	Berezav	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiskhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..

DECEMBER - ZONE 3.

BETWEEN LATITUDE 60° N. AND 50° N.

302	St. Paul Island	57 15 N.	170 10 W.	5·8	..	1000·0	- 0·9	275·3	279·1	7th,8th	270·4	261·9	27th	272·8	..	+ 2·3	65	-18
303	∮Dutch Harbor	53 55	166 30	4·0	1005·1	1005·7	+ 6·3	278·7	284·7	7th	270·7	264·7	20th	274·7	274·5	+ 1·3	82	+17
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	20	-45
305	Dillingham	59 0	158 28	24·4	..	..	..	271·2	280·8	11th	262·1	245·2	28th	266·7	..	+ 1·9	63	+24
306	Kodiak	57 48	152 22	4·6	999·0	999·6	- 0·4	274·7	279·1	8th,11th	269·9	264·7	18th	272·3	272·5	- 0·6	213	+97
309	Sitka	57 3	135 19	19·8	..	..	..	277·3	281·9	3rd,4th	272·0	266·3	10th	274·7	..	- 0·2	287	+77
310	∮Prince Rupert	54 18	130 18	51·8	995·9	1002·3	- 7·2	278·4	284·1	2nd	273·8	268·6	11th	276·1	276·3	+ 0·9	34	+ 1
311	Prince George	53 50	122 48	570	939·6	1010·4	..	271·2	280·2	18th	260·6	241·9	11th	265·9	266·2	+ 2·1	30	- 6
312	∮Kamloops	50 41	120 20	385	968·3	1016·3	- 6·9	273·2	281·9	19th	268·0	254·7	12th	270·6	270·8	+ 0·4	..	..
313	Calgary	51 2	114 2	1079	882·3	1011·1	- 6·5	272·1	280·8	2nd,19th	262·8	250·8	12th	267·4	267·6	+ 1·4	39	-11
314	Fort Smith	60 0	111 52	207	984·6	1011·9	..	259·8	269·1	1st,2nd	248·0	230·8	13th	253·9	254·1	+ 3·8	34	- 5
315	Prince Albert	53 10	105 45	436	959·2	1015·2	- 4·7	267·4	277·4	16th	258·1	239·1	7th	262·7	261·7	+ 4·3	12	-17
316	Qu'Appelle	50 31	103 56	654	934·6	1015·7	- 4·3	269·9	277·4	17th	261·6	246·3	7th	265·8	265·7	+ 5·7	1	-30
317	Minnedosa	50 15	99 50	515	952·2	1017·3	- 1·9	268·9	276·9	18th	260·1	244·7	7th	264·5	264·3	+ 5·6	..	..
318	Berens River	52 18	97 2	219	..	..	..	268·1	279·7	26th	269·3	248·6	4th	263·7	..	+ 7·0	57	+29
319	Pagwa	50 3	85 18	189	..	..	..	273·4	278·6	9th,27th	260·6	243·0	16th	267·0	..	+ 8·2	28	- 1
320	Moose Factory	51 14	80 30	9·1	1012·7	1013·9	..	262·0	276·9	22nd	253·3	238·6	15th	257·7	257·9	- 0·3	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	262·8	271·3	21st	255·5	241·3	25th	259·2	..	+ 1·5	38	+11
322	Mistassini Post	50 30	73 55	383	..	..	..	264·0	273·6	12th,23rd	254·1	239·1	27th	259·1	..	+ 2·2	..	..
323	Fort Chimo	58 10	68 10	15·2	1009·0	1011·0	..	258·3	265·2	4th	250·6	241·3	18th	254·4	254·3	- 1·5	57	+17
324	Nateshkwan	50 14	61 48	6·1	..	..	..	267·8	275·2	1st	258·3	247·4	18th,20th	263·1	..	+ 1·0	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	‡	..	..	..	..	..	..	..	..	..	..	..	..	229	+33
334	Valentia Observatory	51 56	10 15	13·7	1023·7	1025·4	+14·7	283·6	286·5	4th	280·8	273·9	31st	282·2	282·3	+ 1·8	33	- 5
335	Aberdeen	57 10	W. 2 6	26·0	1013·7	1017·0	+10·0	281·0	288·5	24th	275·8	270·5	28th	278·4	278·8	+ 2·1	16	- 7
336	Greenwich	51 29	0 0	46·3	..	1026·0	+12·0	280·9	288·6	4th	276·3	266·9	31st	278·6	278·7	+ 1·0	..	..
337	Uccle	50 48	E. 4 22	100	1012·8	1025·4	+ 8·7	278·9	286·9	4th	273·4	267·6	23rd	276·1	275·9	+ 0·1	47	+10
338	De Bilt	52 6	5 11	3·0	1023·3	1023·7	+ 9·1	279·1	286·5	5th	273·3	266·4	23rd	276·2	276·3	+ 0·7	30	- 7
338a	Hamburg	53 33	9 58	40·3	1015·4	1020·5	+ 6·9	276·9	284·0	5th	272·6	263·9	31st	274·7	274·9	+ 0·6	55	+18
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1015·0	1015·6	+ 2·3	277·3	282·1	27th	273·0	266·3	31st	275·1	275·4	+ 1·5	28	- 5
340	Potsdam	52 23	13 4	84·9	1010·3	1021·0	+ 5·6	276·0	284·0	6th	271·4	260·5	1st	273·7	273·7	+ 0·2	52	+14
340a	Uppsala	59 51	17 38	24	1004·9	1007·9	- 3·3	272·7	277·4	4th	266·9	252·8	31st	269·8	270·0	+ 0·6	89	+49
341	Warsaw	52 13	21 3	88·3	1006·3	1017·5	- 0·2	274·6	280·0	28th	270·4	259·9	1st	272·5	272·5	+ 1·2	41	+12
342	Tartu (Ülikooli)	58 23	26 43	80·8	996·3	1006·6	- 6·4	271·3	276·7	25th	265·4	250·8	31st	268·3	268·5	+ 0·4	4	- 3
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	27	-19
346	Kazan	55 47	49 8	80·6	1000·4	1011·0	-10·1	264·7	275·5	30th	258·8	245·7	20th	261·7	261·9	- 0·8	..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
431	Victoria, B.C.	48 24	123 19	70·1	1001·0	1009·6	- 6·9	280·2	284·7	18th	276·7	273·0	11th,14th	278·4	278·2	+ 0·3	67	-79
432	Portland, Oregon	45 32	122 41	46·6	1007·4	1013·2	- 6·1	279·9	288·0	18th	275·2	269·1	1st	277·6	277·1	- 0·4	213	+37
433	∮Kalso	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
434	Helena	49 44	113 24	953	..	..	..	275·6	283·6	20th	265·4	246·3	12th	270·5	270·5	+ 2·3	13	- 2
435	Salt Lake City	46 34	112 4	1257	870·6	1016·9	- 2·7	273·8	285·2	18th	265·4	255·8	1st	269·6	269·6	+ 0·7	4	-16
436	Cheyenne	40 46	111 54	1329	868·9	1020·6	- 1·2	274·7	284·7	25th	266·7	258·0	16th	270·7	271·1	- 2·1	36	+ 1
436a	North Platte	41 8	104 48	1856	810·0	1017·3	- 0·7	279·9	292·4	18th	266·7	256·9	12th	273·3	272·4	+ 2·5	4	- 8
437	Bismarck	41 8	100 45	860	915·7	1018·3	- 2·0	276·8	286·3	22nd	265·4	256·3	14th	271·1	270·8	+ 1·0	4	-10
438	Winnipeg	46 47	100 48	510	954·3	1016·9	- 1·9	271·8	279·7	22nd	262·4	250·2	13th	267·1	267·4	+ 3·0	13	- 2
439	Duluth	49 53	97 7	232	988·0	1017·8	..	269·2	275·8	18th	262·4	248·6	7th	265·8	265·7	+ 7·4	3	-21
439		46 47	92 6	345	974·9	1017·6	0·0	273·3	281·9	18th	266·7	251·9	7th	270·0	270·0	+ 6·6	8	-22
440	Fort Arthur	48 27	89 12	196	993·4	1018·3	+ 1·1	273·0	279·1	18th	265·9	255·2	5th,7th	269·4	269·7	+ 6·1	24	+ 3
441	Chicago	41 47	87 35	205	994·6	1020·0	+ 1·4	279·1	287·4	11th	274·0	266·3	7th	276·6	276·4	+ 4·5	58	+ 5
442	Toronto	43 40	79 24	116	1004·9	1019·5	+ 1·7	277·4	283·6	19th	271·0	261·3	8th	274·2	273·8	+ 3·9	76	+13
442a	New York (Central Park)	40 47	73 58	47·4	1013·5	1019·4	+ 1·1	281·9	293·0	12th	274·0	266·3	8th	278·0	277·8	+ 3·4	62	-24
442a	St. John, N.B.	45 17	66 4	36·3	1009·1	1013·7	..	273·8	283·0	4th	266·0	256·3	21st	269·9	269·6	+ 1·4	88	-18
442a	S.W. Point, Anticosti	49 24	63 33	9·1	1009·0	1010·2	..	269·7	275·2	1st,4th	264·5	255·2	21st	267·1	267·3	+ 0·7	110	+52
442a	Belle Island (Main Station)	43 57	60 6	7·6	1009·7	1010·6	..	278·2	284·7	4th	271·9	266·3	16th	275·1	275·0	+ 0·3	202	+66
445	St. John's, Newfoundland	47 34	52 42	74·1	995·6	1004·9	- 3·7	..	284·1	5th	..	258·0	22nd	270·8	..	- 0·5	168	+31
446	Madrid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
446a	Mantes	40 24	3 41	667	945·8	1026·3	+ 4·5	282·1	288·6	5th	272·7	269·0	22nd	277·4	276·9	- 0·8	2	-39
447		47 15	W. 1 34	36·5	1023·3	1027·9	+11·0	280·1	288·1	4th	275·3	266·3	23rd	277·7	277·6	- 0·7	32	-63
448	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1021·4	1027·7	+10·8	278·8	287·6	4th	274·0	268·5	19th	276·4	276·6	+ 0·2	42	0
448a	Marseille	43 18	5 23	75	..	..	..	..	..	..	..	..	..	..	..	..	..	..
449	Zürich	47 23	8 33	493	966·4	1027·6	+ 7·9	275·2	285·4	5th	270·3	262·1	20th	272·8	272·6	- 0·4	54	-22
449a	Vienna	41 54	12 29	45·5	1013·3	1018·7	+ 2·9	283·9	290·3	8th	276·3	269·4	26th	280·1	279·8	- 1·2	95	- 3
450	Budapest	48 15	16 22	203	998·8	1024·3	+ 5·5	275·4	284·5	5th	270·7	262·9	21st	273·0	273·4	+ 0·2	35	-12
451	Sofia	47 31	19 1	130	1007·0	1023·6	+ 4·8	275·9	283·5	5th	269·9	262·7	20th	272·9	272·5	- 0·8	13	-41
452	Bucharest	42 42	23 20	550	956·8	1025·3	+ 4·0	273·8	283·4	30th	266·7	258·0	25th	270·3	270·5	- 2·6	..	..
453	Odessa (Observatory)	44 25	26 6	82	1012·9	1023·5	+ 2·5	273·3	283·1	30th	265·0	255·3	3rd	269·1	268·8	- 3·6	20	-20
454	Novorossiisk	46 26	30 46	42·8	..	..	..	273·9	..	..	269·0	..	..	271·5	..	- 1·2	..	..
455	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
456	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
457	Fort Alexandrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
458	Krasnovodsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
459	Kasalinsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
460	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Andijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
462	Alma Ata	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
463		43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
464	Mukden	41 46	123 24	44·3	1022·7	1028·5	+ 1·7	269·3	282·5	5th	258·0	248·6	18th	263·7	263·3	+ 0·5	14	+ 5
465	Dalny	40 40	129 12	31·9	1019·6	1023·7	+ 2·7	275·5	283·6	7th	266·4	254·5	13th	270·9	270·6	+ 1·0	18	-12
466	Vladivostok	42 20	130 24	63·8	1015·8	1024·1	+ 2·6	271·1	280·8	7th	263·8	253·8	13th	267·5	267·4	+ 0·9	1	-11
466a	Ochtai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466a	Nemuro	47 20	142 47	27·4	1010·2	1013·8	+ 2·3	266·6	270·9	26th	258·1	250·5	19th	262·3	262·8	- 0·9	49	- 7
466a	Syuma	43 20	145 35	26·7	1011·1	1014·5	+ 3·4	275·5	283·1	12th	268·6	262·5	30th	272·1	272·2	+ 0·7	75	+17
		45 14 N.	147 53 E.	39·3	1007·4	1012·4	+ 3·6	273·7	281·8	13th	268·3	262·7	26th	271·0	271·0	+ 0·3	130	+22

BETWEEN LATITUDE 40° N. AND 30° N.

DECEMBER - ZONE 5 (AMERICA).

502	San Francisco	N. 37 48	W. 122 26	47·2	1011·5	1017·3	- 2·9	285·2	288·6	4th	280·1	276·9	14th	282·7	282·5	- 0·6	235	+119
503	Sacramento	38 35	121 30	21·0	1015·2	1017·9	- 2·7	283·7	288·0	4th	276·9	271·9	12th	280·3	280·6	- 0·6	174	+78
504	San Diego	32 43	117 10	26·5	1014·9	1018·3	+ 0·2	289·3	293·6	6th	280·9	276·9	13th	285·1	285·0	- 1·0	90	+44
505	Modena	37 48	113 54	1668	833·7	1021·7	- 1·2	273·1	279·7	20th	258·4	245·8	13th	265·8	265·3	- 4·7	20	+ 4
506	Santa Fé	35 41	105 57	2138	786·0	1020·3	- 0·5	276·6	285·2	19th	264·7	255·2	13th	270·6	270·6	- 1·3	13	- 6
507	Denver	39 45	105 0	1613	835·1	1016·9	- 1·1	281·0	290·8	17th	269·2	259·7	13th	275·1	274·6	+ 2·3	1	-17
508	Abilene	32 23	99 40	530	956·3	1018·6	- 1·1	285·8	294·7	12th	276·4	269·7	15th	281·1	280·7	+ 0·6	50	+20
508	Saint Louis	38 38	90 12	173	998·3	1019·3	- 0·5	283·8	291·9	23rd	276·8	271·9	14th	280·3	280·1	+ 5·3	83	+19
509	Mobile	30 41	88 2	17·4	1016·9	1018·9	- 1·7	293·3	298·6	24th	285·2	279·1	26th	289·3	289·4	+ 5·1	233	+109
510	Nashville	36 10	86 47	166	1001·3	1021·3	+ 0·4	286·8	293·6	12th	279·4	271·9	2nd	283·1	283·4	+ 5·0	161	+61
511	Charleston	32 47	79 56	14·6	1020·0	1021·3	+ 1·0	293·2	300·2	20th	285·3	277·4	27th	289·3	289·4	+ 5·7	57	-16
512	Washington	38 54	77 3	34·1	1016·6	1021·0	+ 0·7	284·3	294·1	14th	275·3	268·6	8th	279·8	279·8	+ 4·4	52	-30
513	Bermuda	32 17	64 46	38·1	1016·5	1021·0	..	295·4	298·0	1,2,13	288·2	283·0	27th,28th	291·8	292·4	+ 0·1	54	-66
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

DECEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 8	40	1014·3	1019·8	+ 0·2	291·7	294·1	3rd	287·9	283·4	16th	289·8	‡290·1	+ 1·4	166	
531	Horta	38 32	28 38	65	1013·5	1021·4	+ 1·1	291·3	293·4	4th	287·3	284·4	16th	289·3	289·3	+ 0·7	134	
532	Ponta Delgada	37 44	25 40	22	1020·3	1022·9	+ 1·8	291·1	292·9	4th	287·2	284·0	16th,28th	289·1	289·3	+ 0·8	..	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	207	
533	Madeira (Funchal)	32 38	16 55	25	1019·1	1022·1	+ 0·5	292·9	296·0	5th	286·5	283·0	24th	289·7	289·3	+ 0·1	205	
535	Lisbon	38 43	9 9	95	1013·0	1024·7	+ 4·8	286·2	288·8	6th,12th	279·1	275·2	22nd	282·7	282·5	- 1·4	0	
536	Gibraltar	36 6	5 21	27·4	..	1022·1	+ 1·8	290·2	294·1	6th,9th	281·6	277·4	21,23,31	285·9	285·2	- 0·4	115	
536a	Colomb-Béchar	31 37	W. 2 13	769	932·2	1023·2	+ 1·4	285·8	290·0	12th	274·7	270·4	26th	280·3	279·3	- 1·9	0	
537	Palma	39 34	E. 2 39	23	1019·0	1021·8	+ 3·6	287·0	295·0	5th	278·5	274·4	31st	282·8	282·7	- 1·8	75	
538	Algiers	36 46	3 13	59	1014·3	1021·5	+ 2·2	286·9	293·5	6th	281·7	276·6	21st	284·3	284·3	+ 1·4	197	
538a	Gadames	30 18	9 30	351	..	..	..	294·2	303·4	9th	277·4	270·5	19th	285·8	..	+ 0·7	0	
539	Tunis	36 48	10 10	66	1009·6	1017·6	+ 1·3	286·6	291·6	6th	279·6	273·6	22nd	283·1	283·1	- 1·2	249	
540	Malta	35 54	14 31	71·2	..	1017·2	+ 1·3	288·5	293·0	9th	284·3	279·7	21st	286·4	285·9	- 1·0	91	
541	Athens	37 58	23 43	107	1007·0	1020·1	+ 3·0	285·8	292·9	8th	282·0	272·9	14th,15th	282·9	282·4	+ 0·5	166	
542	Alexandria	31 12	29 53	32·0	1016·8	1020·6	+ 2·7	294·7	299·8	13th	285·6	280·5	30th	290·1	289·6	..	14	
543	Ankara	39 58	32 48	861	920·1	1023·9	+ 2·7	276·5	284·1	11th	268·9	260·6	5th	272·7	272·5	..	61	
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1019·6	+ 2·2	289·7	293·0	19th	279·3	272·4	26th	284·5	..	- 0·4	8	
544	◊Beirut	33 54	35 28	33·7	..	1019·2	+ 1·5	290·2	295·3	14th	285·2	280·4	25th	287·7	287·5	- 0·8	172	
545	Hinaidi	33 17	44 29	32·9	1016·9	1021·0	+ 1·0	288·8	296·3	3rd,4th	276·6	268·6	27th	282·7	282·5	- 1·2	14	
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	
547	Tehran	35 41	51 25	1220	873·0	1013·4	..	282·1	288·9	2nd	270·4	262·2	26th	276·2	275·7	- 2·6	41	
548	Meshed	36 17	59 36	946	..	..	..	281·3	287·0	2,7,31	..	..	..	..	..	..	27	
549	Seistan	31 2	61 30	7610	963·1	..	..	290·6	299·3	7th	274·1	266·2	28th	282·3	..	+ 0·7	0	
550	Quetta	30 10	67 1	1647	838·7	..	- 0·5	286·2	292·4	5th,8th	270·0	264·7	21st	278·1	277·6	- 0·6	7	
551	Peshawar	34 1	71 35	355	978·1	1021·0	- 0·7	294·9	299·7	1st	278·3	275·2	23,29,31	286·6	285·4	+ 1·9	6	
551a	Lahore	31 35	74 20	214	993·3	1019·5	- 0·1	296·1	299·1	2nd,4th	277·9	274·1	29,30,31	287·0	285·7	+ 0·2	0	
552	Simla	31 6	77 10	2202	783·6	..	+ 0·5	284·9	290·8	13th	277·7	274·7	28th	281·3	280·8	+ 0·6	1	
552a	Leh	34 9	77 34	3503	667·2	..	+ 0·5	274·5	281·3	1st	263·1	259·1	30th	268·8	267·7	0·0	1	
558	Sian	34 31	109 5	365	982·9	1028·2	..	278·8	283·8	5th	270·9	262·0	13th	274·8	275·6	..	6	
559	Hankow	30 35	114 17	39·1	1024·3	1029·3	+ 1·2	281·6	286·2	7th,10th	275·8	267·7	13th	278·7	278·8	- 0·2	38	
560	Tientsin	39 9	117 9	6·4	1029·0	1029·6	+ 1·4	274·8	282·6	5th	265·7	258·0	24th	270·2	270·4	- 0·4	7	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1026·3	1027·1	+ 1·2	284·1	292·5	6th	276·1	266·4	13th	280·1	279·2	+ 0·6	51	
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1017·1	1026·1	+ 1·4	276·6	286·6	7th	268·8	258·5	13th	272·7	272·3	+ 0·2	68	
562a	Nagasaki	32 44	129 52	133	1007·1	1023·4	+ 1·4	285·7	293·0	7th,8th	278·6	270·6	13th	282·1	282·0	+ 1·3	282	
563	Kyoto	35 1	135 44	42·9	1016·1	1021·4	+ 1·9	284·7	291·5	8th	273·8	268·1	14th	279·3	278·7	+ 1·3	91	
564	Tokyo	35 41	139 46	5·8	1017·8	1018·5	+ 2·1	285·1	292·7	7th	275·3	269·1	14th	280·2	279·9	+ 1·7	67	
565	Hakusima	37 45	140 28	68·5	1010·5	1019·1	+ 2·6	282·4	291·2	8th	272·3	266·2	22nd	277·3	277·0	+ 1·0	55	
566	Miyako	39 38	141 59	30·4	1013·4	1017·2	+ 2·6	281·9	292·7	12th	271·2	265·7	21st	276·5	275·9	+ 0·7	49	

DECEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
601	Midway Island	28 13	177 22	5·8	1021·5	1022·2	..	297·3	299·7	sev.dates	291·5	287·4	1st	294·4	294·0	+ 2·0	20	
605	Honolulu	21 19	157 52	11·6	1014·9	1016·2	+ 0·2	297·2	299·1	2nd	292·2	288·6	7th	294·7	294·5	- 0·7	53	
613	◊Guaymas	27 55	110 53	8·3	1015·2	1016·2	+ 0·2	296·0	301·0	26th	285·0	281·0	20th	290·5	291·0	- 0·6	0	
614	La Paz, Mexico	24 10	110 20	12	1012·3	1013·7	..	294·8	296·8	21st	289·3	285·5	28th	292·1	291·7	..	14	
615	Leon	21 7	101 41	1809	821·1	1013·1	- 1·4	297·9	300·8	4th	280·3	275·4	31st	289·1	287·5	+ 0·5	25	
616	◊Monterry	25 40	100 18	528	955·6	1016·6	- 1·5	293·4	303·6	29th	282·7	276·5	17th	288·1	288·2	+ 0·8	14	
617	Tulancingo	20 5	98 22	2181	789·7	..	- 0·7	295·2	298·8	12th	279·3	275·0	28th	287·3	286·1	+ 1·1	198	
618	Galveston	29 18	94 50	16·5	1016·6	1018·6	- 1·5	289·8	296·9	13th	284·4	278·0	20th	287·1	287·2	+ 0·5	229	
618a	New Orleans	29 57	90 4	16·2	1016·6	1018·3	- 2·0	294·2	301·9	11th	286·3	280·8	26th	290·2	290·0	+ 4·2	..	
619	Merida, Yucatan	20 58	89 38	22	1012·8	1015·3	- 2·1	302·0	304·2	31st	293·9	292·2	29th	297·9	297·3	+ 1·8	20	
620	Havana	23 7	82 25	77·0	1008·0	1016·9	- 1·2	301·5	304·0	18th	293·3	291·6	28th	297·4	296·7	..	103	
620a	Key West	24 33	81 48	6·7	1017·6	1018·3	- 0·3	300·1	301·3	9th	295·6	291·3	28th	297·8	297·4	+ 3·6	3	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·6	0·0	299·1	301·3	2nd	294·2	291·9	25th	296·7	296·5	+ 1·1	..	
622	San Salvador(Watling Island)	24 6	74 26	33·5	1016·3	1020·2	+ 1·6	..	301·9	25th	..	294·7	8th	..	298·6	+ 1·4	0	
633	Port Etienne	20 56	17 3	4	1018·9	..	..	298·2	303·6	1st	283·7	280·5	23rd	290·9	287·7	..	118	
634a	Izaña	28 19	16 30	2367	767·5	..	- 1·2	279·1	285·6	10th	273·4	267·9	25th	276·3	276·0	- 1·2	118	
634	La Laguna	28 28	16 20	547	954·1	1018·1	- 2·7	289·0	293·5	4th	283·1	276·6	26th	286·1	285·6	- 0·2	..	
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	..	
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	862·9	1010·3	..	294·9	299·7	2nd	280·1	274·0	13th	287·5	287·1	+ 0·3	0	
639	Sebha	27 1	14 27	424	..	..	..	292·8	298·3	9th	280·6	275·6	14th	286·7	..	..	1	
640	Hon	29 8	15 56	263	..	..	..	294·3	301·5	9th	..	..	..	..	..	..	0	
641	Ghirabub	29 44	24 30	12	..	..	..	292·6	298·5	31st	280·7	275·3	27th	286·7	..	..	0	
642	Siwa	29 12	25 29	-23	1023·4	1020·6	+ 1·9	294·7	301·0	3rd	277·7	274·0	19,20,29	286·2	284·8	+ 0·4	0	
643	Cairo (Helwan)	29 52	31 20	116	1006·7	1020·6	+ 1·9	293·4	301·5	12th	282·8	277·1	29th	288·1	288·1	+ 0·5	..	
643a	Aswan	24 2	32 53	100	1006·3	1018·1	+ 1·1	298·9	308·0	12th	283·8	278·6	27th	291·3	290·3	+ 0·5	0	
644	Tor	28 14	33 37	1·9	1018·0	1018·2	+ 1·5	295·4	300·0	11th,13th	282·5	275·5	28th	288·9	288·2	- 0·5	..	
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

DECEMBER - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	1018·6	1019·1	..	292·3	300·2	5th	284·6	275·8	26th	288·4	288·0	- 1·0	2	-73
648	Jask	25 45	57 45	4·0	1016·9	1017·4	..	298·7	302·9	1st	290·2	287·1	10th	294·4	294·0	+ 0·2	0	-28
649	Karachi	24 48	66 59	4·0	1017·4	1017·8	- 0·6	299·8	303·6	3rd	289·6	286·9	13th	294·7	294·3	+ 1·3	0	- 4
650	Jacobabad	28 17	68 29	56·7	1011·6	1018·5	- 0·8	298·7	303·6	1st	280·9	275·8	12th,31st	289·8	289·0	+ 1·0	0	- 3
651	Jaipur	26 55	75 50	436	968·8	1019·5	+ 0·4	298·8	301·3	1st,9th	283·7	279·1	29th	291·3	290·2	+ 0·8	1	- 4
652	Nagpur	21 9	79 7	310	981·7	1017·9	- 0·1	300·1	302·4	31st	285·6	283·0	24th,25th	292·8	292·4	- 0·5	1	-13
653	Allahabad	25 26	81 50	94·2	1006·9	1018·1	- 0·4	298·2	299·7	4 days	283·2	277·4	31st	290·7	289·6	+ 1·2	0	- 6
654	Darjiling	27 3	88 16	2265	777·6	..	0·0	283·7	286·9	10th,11th	276·8	273·6	29th	280·3	279·8	+ 1·2	0	- 6
655	Calcutta	22 32	88 20	6·4	1015·8	1016·5	- 0·5	298·7	300·2	1st	288·2	283·6	30th,31st	293·5	292·8	+ 1·3	0	- 8
656	Gauhati	26 11	91 45	59·7	1010·4	1017·5	- 0·8	297·6	300·8	18th	284·9	283·0	14th,31st	291·2	290·6	+ 0·6	13	+ 9
656a	Cherrapunji	25 15	91 44	1313	871·6	..	+ 0·5	290·0	295·2	5th	282·9	278·6	27th	286·4	285·7	+ 0·8	4	- 4
657	Akyab	20 8	92 55	8·8	1014·2	1015·1	- 0·2	301·0	303·6	25th	291·5	285·2	31st	296·3	295·6	+ 1·1	16	- 3
658	Mandalay	21 59	96 6	76·2	1007·1	1016·0	- 0·7	302·3	305·2	26th	290·2	285·8	31st	296·3	295·6	+ 1·5	37	+28
659	Tengyueh	25 0	98 40	1634	837·7	1016·8	..	289·8	294·1	3rd	276·7	271·9	11th	283·3	282·4	+ 0·6	..	..
660	Pin lien	20 48	106 38	116	..	1019·2	+ 0·1	296·3	302·2	8th	288·9	283·2	14th	292·6	291·9	+ 0·8	3	-26
661	Mongcy	22 18	112 10	33·2	..	1019·8	+ 0·1	292·8	297·2	19th	288·3	278·4	13th	290·5	290·4	+ 0·3	116	+90
662	Hongkong	24 26	118 4	4·9	1021·8	1022·4	+ 0·2	292·1	298·0	3rd	287·0	279·7	13th,14th	289·5	289·2	- 0·4	100	+68
663	Amoy																	
664	Taihoku, Formosa	25 2	121 31	9·3	1020·6	1021·7	+ 0·8	293·9	303·6	8th	287·0	279·2	13th	290·5	289·9	+ 0·1	66	- 8
665	Basco	20 28	121 59	18·7	..	1015·9	+ 0·8	298·4	302·0	9th,11th	294·3	290·1	13th	296·3	296·2	+ 0·3	104	-227
666	Hax	26 12	127 39	29·5	1017·4	1020·9	+ 0·9	293·8	299·0	9th	288·5	282·8	14th	291·1	291·1	+ 0·6	68	-37
665	Ititizima (Bonin Islands)	27 5	142 11	4·3	1017·7	1018·2	+ 0·8	295·6	299·9	10th	290·1	287·1	29th	292·9	292·8	+ 0·4	119	-12
		N.	E															

BETWEEN LATITUDE 20° N. AND 10° N.

DECEMBER - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
700	Colima	19 12	103 45	498	957·6	1013·7	+ 0·4	305·1	307·5	25th	288·3	284·3	31st	296·7	295·3	- 0·5	0	-32
701	Acapulco, Tacubeya	19 42	101 7	1923	809·8	1012·2	- 1·6	294·3	295·9	10th	281·1	277·4	31st	287·7	287·2	+ 0·4	10	- 5
702	Salina Cruz	19 24	99 12	2309	774·9	..	- 0·6	294·4	296·2	1,4,16	278·0	274·0	31st	286·2	285·4	+ 0·2	19	+10
703	San Salvador	16 12	95 12	56	1004·9	1011·3	- 2·1	305·1	305·5	14th	294·2	291·5	18th	298·7	299·2	+ 0·9	0	- 2
704	Belize	13 42	89 13	682	937·2	1012·8	- 0·1	308·5	310·0	12,14,27	287·8	285·4	29th	298·1	296·0	+ 0·6	25	+12
705	Jamaica (Negril Pt.)	17 31	88 11	5·2	1013·7	1014·3	- 1·8	300·9	303·0	18th	295·0	288·6	29th	297·9	297·5	+ 1·1	175	-15
706	Port au Prince	18 15	78 23	10·1	..	1014·5	+ 0·2	304·2	305·3	18th	294·2	291·6	24th	299·2	298·8	+ 0·8	43	- 7
707	Cayenne	18 33	72 20	37·4	1011·1	1015·4	+ 0·5	304·7	306·2	2nd	294·5	292·2	23rd,28th	299·6	298·7	+ 0·8	5	-27
708	San Juan, Porto Rico	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	
709	Grenada (Richmond Hill)	18 29	66 7	25·0	1013·2	1016·2	+ 0·3	300·2	301·3	3rd	295·5	293·0	30th	297·9	297·7	+ 0·3	116	-40
710	Barbados	12 5	61 46	188	992·8	1014·1	+ 1·7	304·3	305·2	10,11,20	296·1	295·2	31st	300·2	299·6	+ 1·5	167	-16
711	SÃO Vicente, C. Verde Is.	13 8	59 36	57·9	..	1013·9	+ 0·7	301·8	302·4	25,29,31	295·1	292·4	10th	298·4	298·2	+ 0·1	21	-83
712	San Tiago, C. Verde Is.	16 54	25 4	11	1014·9	1016·2	+ 1·6	297·4	300·0	3rd	294·3	291·5	19th	295·9	295·9	+ 0·2	1	- 6
713	Bathurst (Cape St. Mary)	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	
714	Medenhald	14 40	17 26	32	1008·9	1012·6	..	302·0	307·7	12th	293·5	289·8	23rd	297·7	297·9	+ 1·4	0	- 7
715	Kabara	13 29	16 40	15·9	..	..	..	301·3	307·4	12th	291·4	289·1	17th	296·4	296·4	- 0·7	0	- 1
716	Bokoto	12 57	7 26	300	..	..	..	306·9	310·0	27,29,30	286·6	283·5	16th	296·7	296·7	..	0	..
717	Kachina Capital	16 45	W. 3 1	273	..	..	..	304·5	311·5	9th	286·5	279·0	15th	295·5	295·2	..	0	..
718	Bilma	13 2	E. 5 14	354	..	..	..	308·3	310·2	8,11,31	291·4	288·0	11th	299·8	299·4	+ 2·5	0	0
719	Maiduguri	10 32	7 25	597	944·1	1014·8	..	306·8	308·6	23rd	286·9	284·7	21st	296·8	296·3	+ 0·4	0	0
720	Ft Fasher	18 41	12 55	356	..	..	..	303·7	306·2	21st	283·4	279·8	18th	293·5	293·7	..	0	..
721	El Obeid	11 47	13 11	361	..	..	..	308·8	311·9	23rd	..	..	..	..	‡300·1	+ 2·5	0	0
722	Khartoum	13 32	25 18	730	929·5	1011·2	..	305·1	309·0	13th	281·7	277·0	29th	293·4	292·2	- 0·4	0	0
723	Port Sudan	13 11	30 14	563	948·4	1011·4	- 0·1	304·5	309·2	14th	286·1	279·8	28th	295·3	295·1	+ 1·3	0	0
724	Berbera, Somaliland	15 37	32 33	390	968·1	1011·9	- 0·2	305·0	309·5	12th	290·4	283·9	28th	297·7	298·0	+ 1·2	0	0
725	Aden	19 37	37 13	5·5	1014·6	1015·2	+ 1·0	301·5	303·7	13,14,15	294·2	290·7	27th,28th	297·9	297·6	+ 0·1	29	- 1
726	Bombay	10 26	45 2	13·8	1014·4	1016·0	+ 0·8	301·0	303·0	1st	291·3	288·0	14th	296·2	296·6	- 2·0	0	- 2
727	Kodaikanal	12 49	45 2	29·9	1013·3	1016·8	+ 0·6	302·5	304·7	3rd	295·0	292·4	14th,15th	298·7	298·3	+ 0·6	2	- 1
728	Bangalore	18 54	72 49	11·3	1013·1	1014·4	- 0·8	303·9	306·9	2nd	294·0	291·3	13th	298·9	297·7	+ 0·7	18	+16
729	Madras	10 14	77 28	2343	771·5	..	- 0·3	288·1	291·9	5th	282·6	280·2	30th	285·3	285·1	+ 0·4	398	+286
730	Vizagapatam	12 58	77 35	921	912·0	1013·6	- 0·9	298·8	301·9	9th	289·2	285·2	30th	294·0	293·5	+ 0·8	21	+ 9
731	Port Blair	13 4	80 15	6·7	1012·7	1013·5	- 1·5	300·8	302·4	4 days	295·3	290·2	29th	298·1	297·7	+ 0·4	263	+115
732	Rangoon	17 42	83 18	38·4	1011·2	1015·4	- 0·8	300·5	302·4	12th	293·7	289·1	29th	297·1	296·7	+ 0·7	3	-16
733	Cap St. Jacques	11 40	92 43	18·0	1010·4	1012·5	- 0·3	301·8	303·0	4 days	297·9	294·1	31st	299·9	299·5	- 0·2	184	+ 8
734	Bhatrang	16 46	96 11	5·5	1013·7	1014·3	- 0·5	305·5	306·9	4 days	293·8	290·2	30th	299·7	298·8	+ 1·6	1	- 8
735	Bolinao	10 20	107 5	180	..	1012·2	..	301·5	303·6	7th	295·1	293·0	25th	298·3	297·8	+ 0·5	1	-28
736	Vigan	12 15	109 12	3·6	..	1013·2	..	301·0	303·4	7th,12th	295·1	291·2	26th	298·0	297·6	+ 0·5	65	-146
737	Manila	16 23	119 53	2	..	1011·0	+ 1·1	303·1	305·3	10th	295·6	292·5	29th	299·3	299·0	- 0·2	0	-11
738	Iriomote	17 34	120 23	12·2	..	1011·3	+ 0·4	303·6	306·5	1st	295·5	290·5	24th	299·5	299·1	0·0	0	- 9
739	Guam, Ladrone Is.	14 35	120 59	14·2	..	1011·9	+ 0·8	303·2	306·0	1st	294·6	291·7	29th	298·9	297·9	- 0·1	96	+35
740	Saipan	11 0	124 36	5·6	..	1008·8	+ 0·2	304·6	305·6	3rd,8th	..	..	..	..	299·3	+ 0·6	215	+19
		13 24	144 38	18·6	..	1008·0	- 0·8	302·6	303·7	25th	297·8	295·6	25th	300·2	300·1	+ 0·3	82	-40
		15 14	145 46	207	986·9	1007·1	..	300·8	301·4	13th	296·0	294·8	20th	298·4	298·3	..	112	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

DECEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1008·3	1009·0	- 1·1	..	..	..	297·3	294·7	18th	..	‡302·5	+ 0·7	6	-209
821	∮Cristobal	9 23	79 54	11·0	..	1009·0	- 0·9	302·8	303·6	14th	298·3	296·3	2nd	300·6	300·2	+ 0·9	88	-201
822	Bogota	4 36	74 5	2645	746·0	..	+ 0·5	291·7	294·2	15th	283·2	280·5	15th	287·5	286·8	+ 0·3	87	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanaviejа	7 19	61 49	220	984·1	1008·9	- 0·8	..	..	..	294·8	293·0	3rd	..	‡295·3	0·0	256	+106
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·4	- 0·2	302·1	303·0	11,26,30	297·3	296·3	5,15,29	299·7	299·2	+ 0·2	197	-96
826	Paramaribo	5 49	55 9	3·7	1010·2	1010·6	- 1·5	304·2	306·1	7th	295·6	294·4	28th	299·9	299·8	+ 0·5	276	+5
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	12·5	..	..	..	303·5	304·6	4,12,13	297·9	296·0	18th	300·7	300·9	+ 0·8	38	+1
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1004·7	1010·9	+ 0·9	303·2	304·1	4,23,27	296·7	293·6	10th	299·9	299·4	+ 0·2	40	+1
835	∮Assuantsi	5 18	1 15	97·3	998·7	1009·8	..	303·7	304·7	15,26,31	293·6	292·4	2nd,16th	298·7	298·0	+ 0·6	56	-20
836	∮Accra	5 33	W. 0 12	17·7	1008·7	1010·7	+ 0·2	305·0	305·8	sev.dates	296·3	295·2	16th	300·7	300·1		0	
837	∮Lagos	6 27	E. 3 24	3·0	1010·4	1010·8	+ 1·0	304·1	305·8	9th	297·6	296·9	sev.dates	300·8	300·4	+ 0·1	24	+2
838	∮Victoria, Nigeria	4 1	9 12	15·5	1008·1	1009·9	..	303·6	305·2	29th,30th	‡295·4	..	..	299·5	299·0	+ 1·4	10	-106
839	Yola	9 12	12 30	259	..	..	..	309·1	310·8	5th	..	..	..	..	‡300·1	+ 1·4	0	0
841	Wau	7 42	28 3	440	959·6	1008·3	- 0·6	309·6	312·0	15th	291·1	288·0	27th	300·3	299·5			
843	Malakal (Kodok)	9 35	31 37	394	965·4	1009·1	+ 0·3	308·7	311·0	13th	292·2	288·3	29th	300·5	299·6	+ 1·0	0	-6
843a	Juba	4 53	31 35	475	955·8	1008·4	..	308·5	311·5	15th	291·3	288·5	29th	299·9	299·0	- 0·1	6	-7
844	Entebbe	0 5	32 29	1171	..	..	..	299·2	301·8	20th	290·0	288·0	29th	294·6	..	..	34	-7
844a	Kampala (Kololo Hill)	0 20	32 36	1310	868·5	1008·1	..	299·3	302·4	24th	290·5	288·8	11th	294·9	294·1	..	48	+10
845	Sheikh	9 55	45 15	1463	..	..	..	292·2	294·7	8th	282·1	274·7	16th	287·1	286·4	..	0	-8
851	Minicoy	8 18	73 0	2·7	1011·4	1011·6	- 1·1	303·0	304·1	28th	298·3	295·8	10th	300·7	300·3	+ 0·1	107	+68
851a	Cochin	9 58	76 14	2·7	1011·6	1011·9	- 1·1	303·2	304·7	4 days	297·2	293·0	31st	300·2	299·8	- 0·3	68	+20
852	∮Colombo Observatory	6 54	79 52	7·3	..	1009·8	- 0·4	302·4	303·8	4th	295·8	293·3	31st	299·1	298·7	+ 1·4	292	+68
853	∮Nuwere Eliya	6 58	80 46	1881	813·4	1011·2	- 1·6	292·9	295·3	4th	284·4	274·7	31st	288·7	287·9	- 0·7	208	+68
854	∮Trincomalee	8 35	81 15	30·2	..	1009·3	- 1·3	300·4	301·9	11th,16th	296·4	294·7	30th	298·4	298·0	..	378	+178
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
856	Meden	3 35	98 41	25·0	..	1010·0	- 0·4	302·1	304·8	20th	295·4	294·0	15th	298·7	298·1	0·0	195	+144
857	Butterworth	5 25	100 22	2·1	..	1009·5	..	303·6	305·2	sev.dates	295·8	294·1	26th	299·7	298·8	..	249	+103
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·5	- 0·3	302·0	304·7	sev.dates	295·9	295·2	sev.dates	298·9	297·9	..	303	+61
859	Sandakan	5 50	118 7	31·7	..	..	..	303·5	305·8	11th,12th	296·9	296·3	sev.dates	300·2	300·2	+ 0·4	381	+136
860	Iwahig	9 44	118 38	14·3	..	1008·3	+ 0·2	304·6	306·0	4th	294·9	292·7	26th	299·7	299·4	+ 0·6	203	+58
861	Tagbilaran	9 38	123 51	21·3	..	1008·8	0·0	303·9	305·7	11th	296·1	294·6	18th	300·0	299·1	+ 0·2	96	-41
861a	Menado	1 30	124 50	8·5	..	..	..	303·4	304·8	25th	295·8	294·5	20th	299·6	299·1	+ 0·1	364	+164
862	Surigao	9 48	125 29	6·0	..	1009·4	+ 0·4	301·9	304·1	4th	296·7	295·4	27th	299·3	299·0	+ 0·3	502	+278
863	Kolonia, Yap	9 29	138 8	29·3	..	1008·5	+ 0·2	302·5	304·7	25th	298·0	296·3	3rd	300·3	300·1	+ 0·2	278	+44
864	Palau	7 20	134 29	31·8	1004·7	1008·3	- 0·3	303·1	304·7	10th	298·0	296·4	11th	300·5	300·2	+ 0·4	244	+10
867	Ponape	6 58 N.	158 13 E.	38·9	1003·4	1007·8	..	302·3	303·7	4th	296·4	294·0	15th	299·3	299·2	..	561	+251

DECEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1009·2	..	302·8	304·6	11th	299·3	297·2	30th	301·1	300·8	..	261	+1
920	Lambayeque	6 46	80 55	15	1011·0	1012·7	..	302·8	305·5	25th	293·1	288·5	7th	297·9	297·1	..	139	-76
921	Quito	0 14	78 30	2816	727·1	..	- 0·2	295·3	298·5	11th	280·2	274·2	4th	287·7	286·0	+ 0·2	..	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	1	-1
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	301·3	302·4	21,29,31	294·8	292·4	27th,31st	298·1	297·7	+ 0·2	23	-3
939	Loanda	8 49	E. 13 13	59·3	..	1011·6	+ 0·4	301·1	303·0	21st	296·6	295·2	15th	298·9	298·4	+ 0·5	..	..
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	232	+1
942	Tahibinda	2 19	28 45	2115	..	..	..	293·7	295·9	..	284·2	281·8	..	288·9	289·3	..	36	-74
943	Masaka	0 20	31 44	1280	..	..	..	299·7	304·2	25th	289·3	287·9	14th	294·5	293·8	..	74	-188
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·1	1013·8	..	295·2	297·1	31st	285·0	282·0	22nd	290·1	289·6	0·0	217	-84
944a	Zanzibar (Town)	6 10	39 12	17·1	1010·9	1012·8	- 0·1	303·1	304·1	6th	299·1	296·9	2nd	301·1	300·6	..	84	-7
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	1008·5	1010·8	..	304·3	306·7	6th	297·5	296·0	2nd	300·9	300·1	- 0·9	..	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·2	1011·7	0·0	300·8	303·0	4th	295·4	294·1	22nd	298·1	297·6			
957	∮Padang	0 56	100 22	6·7	..	1009·8	- 0·8	302·3	304·9	21st	297·4	296·7	11th	299·9	299·3	+ 0·2	290	+1
958	Batavia	6 11	106 50	8·0	1008·4	1009·3	- 0·2	303·3	305·5	18th	296·7	295·8	17th	300·0	299·3	+ 0·5	147	-1
958a	∮Pontianak	0 1	109 20	2·6	..	1009·7	- 0·1	303·9	305·6	26th	297·0	296·1	16th	300·5	299·4	+ 0·3	84	-7
959	Pasuruan	7 38	112 55	5·0	..	1008·5	- 0·3	305·7	307·3	13th	297·3	296·3	22nd	301·5	301·0	+ 1·1	352	+1
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	..	..
962	Amboina	3 42	128 10	4·2	..	1007·7	- 0·6	304·9	307·7	27th	297·8	296·2	30th	301·3	300·9	+ 1·0	242	+1
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	83	-1
965	Daru	9 4	143 13	7·6	..	..	..	304·7	..	..	297·4	..	..	301·1	300·6	+ 0·4	274	+1
966	Port Moresby	9 29	147 9	38·4	..	1008·1	- 0·4	306·1	..	..	296·5	..	..	301·3	300·7	+ 0·2	249	+1
967	Rabaul	4 9	152 12	12·5	1005·6	1007·1	- 0·5	305·8	307·4	4th	295·9	294·8	16th	300·8	300·2	+ 0·1	247	+1
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·7	305·8	2nd,18th	297·8	295·2	12th	300·7	300·5	- 0·4	378	+1
970	Ocean Island	0 52	169 35	42·6	1002·7	1007·5	- 1·5	305·1	307·4	3rd	298·9	296·9	23rd	302·0	301·3	+ 1·0	163	+1
		°S.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

DECEMBER - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1010·4	1011·5	..	301·2	303·6	23rd	296·1	294·1	26th	298·7	..	..	164	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1008·9	+ 0·8	302·8	304·5	6th	295·7	294·6	13th	299·3	298·9	- 0·6	228	-125
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1012·3	+ 2·0	301·8	304·1	22nd,31st	293·9	290·8	1st,3rd	297·9	297·7	- 1·1	78	-157
1004	Lima																	
1004a	Arica																	
1004b	La Paz, Bolivia	12 5	77 3	111	999·1	1012·0	..	298·4	302·0	25th	290·3	288·2	5th	294·3	293·3	..	1	..
		18 28	70 20	5	..	..	..	..	..	..	..	..	..	..	..	..	0	0
1005	Corumba	16 30	68 8	3658	657·5	..	+ 0·2	291·7	295·6	12th	278·9	277·2	8th	285·3	283·8	- 0·3	83	- 8
1006	Cuyaba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1007	Bello Horizonte	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1008	Caetite	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1009	Condina (Bahia)	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1010	Aracaju	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1011	∮St. Helena	10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1012		15 57	W. 5 40	579	947·5	1014·6	+ 1·0	291·3	293·6	27th	287·1	286·3	2,7,14	289·2	288·7	+ 0·1	15	-19
1013	Mossamedes																	
1013a	Livingstone	15 12	E. 12 9	12·5	1011·6	1013·1	..	..	301·0	16th	..	290·0	30th	..	..	..	4	+ 2
1014	∮Lisbabethville	17 51	25 51	972	905·1	1009·7	..	305·1	309·1	29th,30th	291·7	288·6	8th	298·4	..	- 0·2	55	-106
1015	Caelo	11 39	27 28	1230	875·4	1006·6	- 0·9	300·0	303·4	30th	289·9	288·1	13th	295·0	..	- 0·1	291	+35
1016		19 26	29 45	1411	861·7	1011·5	..	301·1	305·2	14,17,18	287·8	283·6	10,28,29	294·4	..	- 0·3	34	-117
1017	∮Salisbury (Dept. Agric.)	17 48	31 5	1489	852·6	1011·0	+ 0·4	298·8	301·9	13th	288·4	284·7	29th	293·6	292·6	- 0·2	106	-49
1018	Zomba	15 23	35 18	955	904·8	1008·0	0·0	299·3	304·1	3rd	291·1	288·6	27th,28th	295·2	294·5	- 0·6	388	+112
1019	Mozambique	14 57	40 40	15	..	1011·2	..	304·6	307·3	5th	296·4	295·1	13th	300·5	300·3	..	163	..
1020	Antsanarivo	18 55	47 33	1375	863·6	1011·0	- 0·2	298·8	301·8	4th	288·7	285·8	20th	293·7	292·3	- 0·5	283	- 8
1021	Cocos, Keeling Is.																	
1021a	∮Christmas Island	12 5	96 53	4·6	1009·5	1010·2	- 1·1	303·0	304·4	30th	298·4	297·0	12th	300·7	300·3	+ 0·6	160	+44
		10 25	105 43	5·5	1007·0	1007·7	- 0·1	304·3	306·3	22nd	297·8	296·3	1st	301·1	300·7	+ 0·9	139	-48
1022	Koepang	10 10	123 34	45·1	..	1008·8	+ 0·2	306·3	308·6	13th	297·0	295·4	25th	301·7	301·0	+ 0·9	143	-103
1023	Derby	17 18	123 40	16·2	1005·5	1007·3	- 0·2	310·9	316·3	23rd	300·2	294·7	3rd	305·6	..	+ 1·7	23	-90
1024	Hall's Creek	18 13	127 46	373	966·0	1006·4	- 0·6	312·1	315·2	14th,15th	296·8	289·7	25th,27th	304·4	303·8	+ 0·8	7	-83
1025	Darwin	12 28	130 51	29·6	1003·5	1006·9	+ 0·2	307·8	311·0	13th	298·5	295·6	22nd	303·1	302·9	+ 0·6	104	-149
1026	Wave Hill	16 16	133 23	211	982·4	1005·7	- 0·2	312·9	316·9	13th	297·2	294·1	27th,28th	305·1	304·5	+ 1·0	77	-30
1026a	Wyndham	15 56	144 8	210	983·3	1006·5	- 0·4	307·9	311·1	12th	295·9	291·4	31st	301·9	..	+ 0·2	197	+29
1027	Palmerville	18 22	143 32	302	974·6	1007·9	- 0·1	308·4	312·2	12th	296·0	291·9	12th	302·2	..	+ 0·3	100	-45
1028	Georgetown, Queensland	16 18	149 59	8·5	1006·3	1007·4	- 0·9	303·5	304·8	16th	298·7	296·6	2nd	301·1	301·3	+ 0·4	80	+ 8
1029	Willis Island																	
1030	Samarai	10 37	150 40	6·1	..	1007·7	- 0·9	..	..	..	297·6	..	..	..	..	..	254	+132
1031	Suva, Fiji	18 8	178 26	6·1	1009·8	1010·4	+ 1·9	302·2	305·8	30th,31st	295·9	293·6	3,6,20	299·1	298·9	0·0	241	-77
		°S.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

BETWEEN LATITUDE 20° S. AND 30° S.

DECEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1201	Nukualofa, Tonga	21 8	175 12	3·0	1012·6	1012·9	..	301·3	304·1	26th	291·9	286·9	4th	296·6	..	..	70	..
1202	Rarotonga	21 12	159 46	6·1	..	..	..	300·4	301·9	23,28,31	293·2	289·7	4th,6th	296·8	296·6	- 1·1	373	+146
1203																		
1204	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·1	1013·9	- 0·6	292·5	294·4	27th	287·5	285·8	3rd	290·0	289·6	+ 0·2	0	0
1205	∮Antofagasta	23 42	70 24	94	1002·1	1013·1	- 2·5	297·2	299·5	21st	290·1	287·0	2nd	293·7	293·4	+ 1·5	0	0
1206	Catamarca	28 29	65 47	528	949·3	1007·3	+ 1·3	309·0	315·0	17th	294·0	288·5	5th,6th	301·5	300·2	+ 1·1	120	+56
1207	Salta	24 46	65 24	1173	881·0	1006·6	+ 0·5	301·8	306·2	20th	289·5	287·8	15th,16th	295·6	295·3	+ 0·4	251	+110
1208																		
1209	Goya	29 9	59 15	37	1005·4	1009·6	+ 0·6	306·9	311·8	26th	293·5	288·2	5th	300·2	299·5	+ 1·7	101	-21
1210	Asuncion	25 17	57 41	139	996·2	1011·9	+ 3·2	307·8	312·0	10th	296·0	293·2	6th	301·9	300·8	+ 1·0	232	+77
1211	Curityba	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1212	Rio de Janeiro	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1213																		
1214	∮Walvisch	22 34	E. 17 6	1727	929·5	1007·8	..	303·0	306·5	25th	290·0	286·0	30th	296·5	295·7	0·0	47	+ 1
1215	∮Upington	29 36	17 52	933	911·5	1014·3	+ 1·7	301·4	309·6	27th	285·8	278·9	11th	293·6	293·4	- 0·6	1	- 3
1216	Kimberley	28 44	24 46	1218	878·3	1007·3	+ 0·3	305·7	309·4	18th	290·1	287·2	4th	297·9	298·1	+ 1·1	7	-47
1217	Johannesburg	26 11	28 4	1806	822·6	1011·1	- 0·1	299·0	302·9	13th	285·9	281·9	24th	292·5	292·1	+ 0·9	111	-27
1218	Bulawayo	20 9	28 35	1349	868·0	1011·8	+ 2·0	302·1	305·8	15,17,18	288·6	283·6	29th	295·3	294·7	+ 0·2	35	-95
1219																		
1220	Durban	29 52	31 3	15·2	1012·9	1014·7	- 0·8	299·4	302·4	10th,19th	294·3	290·1	21st,22nd	296·9	296·5	+ 0·7	163	+33
1221	Lourenço Marques	25 58	32 36	59·5	..	1013·9	+ 0·6	303·3	311·2	15th	294·4	292·0	26th	298·8	298·3	+ 0·7	57	-44
1222	∮Mauritius	20 6	57 33	55·2	1007·7	1014·0	+ 0·3	302·4	304·5	7th	294·5	292·2	10th	298·5	298·2	- 0·2	37	-82
		°S.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

DECEMBER - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1006·4	1006·9	- 0·1	309·5	319·1	12th	295·9	293·8	18th	302·7	..	+ 1·2	0	- 4
1160	Cue	27 27	117 52	454	959·2	1008·5	+ 0·5	310·7	315·2	14th	295·5	288·0	19th	303·1	..	+ 1·5	9	- 3
1161	Nullagine	21 53	120 5	386	..	..	..	313·8	317·4	30th	294·0	289·7	8th,10th	303·9	..	- 0·4	21	+20
1162	Laverton	28 40	122 23	466	959·2	1010·1	+ 0·5	309·7	315·2	15th,31st	292·9	288·0	13,21,22	301·3	301·1	+ 1·0	1	-11
1163	Alice Springs	23 38	133 37	587	944·2	1007·8	+ 0·8	307·9	312·8	17th	291·8	284·5	23rd	299·8	299·8	- 1·1	27	-11
1164	William Creek	28 55	136 21	76·2	1002·3	1010·8	+ 0·8	309·7	317·4	30th	291·7	286·3	22nd	300·7	300·3	+ 0·3	3	+ 8
1164a	Boulia	22 55	139 38	146	990·3	1006·3	+ 0·4	310·6	316·6	19th	294·8	290·1	23rd	302·7	302·7	- 1·1	44	- 2
1165	Thargomindah	27 58	143 43	123	995·1	1008·8	+ 1·2	306·1	312·5	18th	293·7	288·6	24th	299·9	299·5	- 1·5	24	+178
1166	Mitchell	26 32	147 52	336	972·3	1010·0	+ 1·9	303·3	313·2	20th	289·9	284·3	17th,24th	296·6	..	- 2·3	254	+178
1167	Rockhampton	23 24	150 30	11·3	1008·7	1010·0	- 0·3	304·1	310·3	20th	294·5	291·5	14th	299·3	298·7	- 0·7	195	+107
1168	Brisbane	27 28	153 2	41·8	1008·2	1012·5	+ 0·4	301·5	309·7	19th	292·4	289·5	24th	297·0	296·4	- 0·6	221	+144
1170	Norfolk Island	29 4	167 59	14·9	1014·6	1016·3	+ 2·2	297·4	301·4	23rd	292·2	287·8	6th	294·8	294·4	+ 0·5	181	+76
		S.	E.															

DECEMBER - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	◊Juan Fernandez	33 37	78 52	6	1018·3	1019·0	+ 0·1	295·2	298·2	21st	288·6	284·7	1st	291·9	291·7	+ 1·6	1	+1
1221a	Punta Tumbes	36 37	73 6	120	1000·4	1014·7	- 0·5	290·7	293·8	18th	284·7	282·8	12th	287·7	287·7	+ 0·4	1	+
1222	◊Punta Angeles, Valparaiso	33 1	71 38	41	1008·8	1013·6	- 1·0	296·5	304·5	8th	285·9	284·5	12th	291·2	290·9	+ 0·9	0	- 3
1222a	Santiago	33 27	70 42	520	953·1	1011·7	- 0·8	302·4	306·6	8th	286·1	283·0	26th	294·3	294·2	+ 2·2	0	+20
1223	Cordoba	31 25	64 12	423	961·8	1009·4	+ 0·5	302·7	310·3	9th	289·8	286·0	13th	296·2	295·8	+ 0·4	232	+94
1224	Bahia Blanca	38 45	62 16	28·7	1007·7	1011·0	+ 0·7	302·7	315·1	15th	288·5	282·5	4th	295·6	295·7	+ 1·0	5	- 2
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·3	1013·2	+ 1·9	300·4	309·5	17th	288·7	281·8	21st	294·7	294·4	- 0·2	75	+ 2
1226	Montevideo (Prado)	34 52	56 12	24·9	1010·3	1013·7	+ 2·0	298·8	308·5	16th	287·2	282·5	2nd	293·0	293·0	- 1·0	89	+ 3
1226a	Porto Alegre	30 2	W. 51 13	23·5	1008·9	1011·6	0·0	302·4	309·8	17th	291·5	287·5	14th	296·9	296·5	+ 0·4	78	- 3
1239	Cape Town	33 56	E. 18 29	12·2	1014·8	1016·2	+ 2·2	298·7	306·8	25th	287·6	281·4	12th	293·2	291·9	+ 0·3	18	+ 2
1240	◊Denger Point	34 37	19 18	27·7	..	..	..	294·4	298·6	25th	288·3	285·2	13th	291·3	..	+ 0·1	27	+ 4
1240a	Klaver	31 47	18 37	41·8	1011·6	1016·5	+ 0·9	301·1	311·1	27th	287·5	282·2	11th	294·3	..	- 1·2	4	+ 1
1241	◊Riversdale	34 6	21 16	105	1004·7	1017·0	..	301·3	308·2	9th	286·3	278·6	21st	293·8	..	0·0	89	+58
1242	East London	33 1	27 54	45·4	1009·3	1014·6	+ 1·1	297·5	303·0	10th	290·3	287·1	21st	293·9	..	+ 0·6	171	+124
1259	Perth (Observatory)	31 57	115 51	60·0	1006·0	1012·9	- 0·5	304·7	311·4	5th	292·2	286·1	17th	298·4	298·1	+ 3·8	9	- 1
1260	Katenning	33 42	117 35	310	978·3	1013·3	+ 0·1	305·0	312·1	6th	286·4	281·4	2nd	295·7	..	+ 2·4	33	- 3
1261	Coolgardie	30 57	121 10	423	965·1	1011·9	+ 0·9	306·8	313·6	10th	289·6	284·1	20th	298·2	298·0	+ 1·1	0	- 3
1262	Eucla	31 45	128 58	4·6	1013·4	1014·0	+ 1·0	296·9	315·8	16th	287·3	280·8	7th	292·1	291·5	- 1·3	0	- 3
1263	Streaky Bay	32 48	134 13	13·1	1013·1	1014·4	+ 0·8	303·4	316·1	28th	287·8	281·9	19th	295·6	294·8	+ 1·3	6	- 3
1264	◊Adelaide	34 56	138 35	42·7	1009·5	1014·4	+ 1·2	304·1	318·9	29th	288·6	283·5	22nd	296·3	295·8	+ 1·6	15	- 3
1265	Melbourne	37 49	144 58	35·1	1010·7	1014·9	+ 2·2	296·3	313·2	30th	285·7	282·2	14th	291·0	290·7	+ 0·3	65	- 3
1266	Bourke	30 13	145 58	110	1000·5	1012·8	+ 1·4	306·1	314·1	31st	291·3	285·2	16th	298·7	..	- 2·2	65	- 3
1267	Sydney	33 51	151 13	42·1	1008·4	1013·3	+ 1·5	295·8	305·3	31st	289·6	284·4	15th	292·7	292·4	- 1·4	85	- 3
1268	Lord Howe Island	31 20	159 0	4·9	1013·2	1013·7	- 0·5	297·0	300·0	22nd	291·4	288·3	27th	294·2	..	0·0	180	- 3
1271	Auckland	36 51	174 48	40·8	..	1014·2	+ 0·3	293·9	297·7	23rd	287·3	280·8	1st	290·6	..	- 0·1	84	- 3
1272	Napier	39 29	176 55	1·5	..	..	..	295·0	300·1	23rd	285·8	279·1	2nd	290·4	..	- 0·3	54	- 3
		S.	E.															

DECEMBER - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	◊Chatham Island	43 52	176 42	45·7	..	1011·3	+ 4·7	..	..	..	..	..	..	..	..	..	24	- 3
1321	Isla Guafo	43 34	74 45	140	999·9	1016·8	+ 1·8	286·1	289·0	29th	282·4	279·5	17th	284·3	284·2	+ 0·2	71	- 3
1322	Punta Galera	40 1	73 44	40	1010·1	1014·9	- 1·0	288·9	292·0	14th	283·3	281·0	1st,17th	286·1	286·1	+ 0·1	30	- 3
1323	Sarmiento	45 33	69 1	272	977·7	1009·4	+ 2·1	295·9	302·4	14th	283·3	278·4	23rd	289·6	289·0	- 0·3	24	- 3
1324	Puerto Madryn	42 46	W. 65 2	14	1008·8	1010·5	+ 2·1	298·6	308·0	15th	285·6	280·0	20th	292·1	291·5	+ 0·1	14	- 3
1365	Launceston	41 27	E.147 10	81·1	1004·1	1013·5	+ 4·4	297·1	301·6	26th	282·8	276·3	14th	289·9	289·1	+ 0·7	0	- 3
1366	Hobart	42 53	147 20	53·9	1006·8	1013·3	+ 3·9	292·3	300·3	20th	282·7	277·1	14th	287·5	286·7	- 1·2	4	- 3
1369	Invercergill	46 25	168 21	3·7	..	..	..	290·2	295·2	18th	281·3	275·8	13th	285·7	..	- 0·1	66	- 3
1370	Alexandra	45 15	169 24	159	..	..	..	294·8	302·7	16th	282·3	276·4	1st	288·6	..	..	69	- 3
1371	Dunedin	45 52	170 31	6·1	..	1010·5	+ 1·7	291·3	297·7	14th	281·8	275·8	25th	286·6	..	+ 0·2	67	- 3
1371a	Christchurch	43 32	172 39	7·6	..	1010·7	+ 1·4	293·9	300·7	14th	283·6	274·9	1st	288·8	..	+ 0·2	53	- 3
1372	Wellington	41 16	174 46	128	..	1012·7	+ 1·0	291·7	296·4	14th,15th	284·4	278·7	1st	288·1	287·3	- 0·6	69	- 3
		S.	E.															

DECEMBER - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islote de los Evangelistas	52 24	75 6	55	997·1	1003·8	+ 2·2	282·5	283·6	28th,29th	278·2	276·0	16th	280·3	280·4	+ 0·2	153	- 3
1422	Magallanes	53 10	70 54	28	998·3	1001·7	+ 2·6	286·5	292·5	5th	279·2	276·0	15th	282·9	283·0	- 0·2	10	- 3
1423	Punta Dungeness	52 24	68 26	5	1000·5	1001·1	+ 1·3	287·1	289·6	27th	280·5	278·0	11th	283·8	283·5	+ 0·5	20	- 3
1424	Santa Cruz	50 1	68 31	13	1003·5	1005·1	+ 3·5	293·7	300·2	14th	281·4	276·8	12th	287·6	287·2	+ 0·6	..	- 3
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1001·3	+ 1·7	286·8	290·8	15th	276·3	272·4	21st	281·5	..	+ 0·1	28	- 3
1426	Cape Pembroke	51 41	57 42	21·3	998·1	1000·7	+ 1·1	284·3	287·4	13th	276·8	274·1	3rd,21st	280·6	281·2	0·0	..	- 3
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	994·6	995·1	+ 0·6	279·1	284·6	27th	273·0	270·2	24th	276·1	276·0	- 0·7	..	- 3
		S.	W.															

DECEMBER - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	994·2	995·1	+ 1·6	272·9	277·0	26th	269·9	266·7	29th	271·4	271·5	+ 3·0	34	- 3
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, YEAR 1931

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR, 1931 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

YEAR - ZONE 0.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1247	Cala Bay	80 20	52 48	5·9	1009·6	1010·4	..	..	281·4	June	..	237·6	Jan.	..	264·0	..	190	..

BETWEEN LATITUDE 80° N. AND 70° N.

YEAR - ZONE 1.

1283	Wrangell Island	N. /	W.															
1285	Barrow	70 58	178 33	6·9	1014·3	1015·2	..	263·2	281·4	Aug.26	257·1	231·1	Feb.20	260·1	260·2	..	62	..
1288	Pond Inlet	71 23	156 17	4·6	..	1016·9	+ 1·1	263·5	288·6	Aug. 6	256·5	231·3	Feb.20	260·0	..	- 0·6	90	-30
1290	Spermivik	72 43	78 30	4·0	..	1013·4	..	261·9	293·0	July 21	254·8	224·1	Feb.16	258·4	258·7	..	..	..
1291	Myggbukta	72 47	56 7	19·2	..	..	..	..	290·6	July 29	..	243·0	Mar. 3	..	..	..	..	..
1292	Scoresbysund	73 29	21 34	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1293	Jan Mayen	70 29	21 58	16·9	1010·1	1012·3	..	270·1	..	..	261·3	233·5	Mar. 2	265·7	..	..	..	..
1294	◊Svalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	1005·6	1008·5	+ 0·4	..	284·9	July 9	270·7	256·6	Mar.27	..	272·9	0·0	570	+160
1295	◊Bjornoen																	
1296	◊Hopby	78 13	E. 15 38	53·0	1002·3	1009·0	- 0·9	..	286·5	July 25	267·2	243·3	Mar. 1	..	269·4	..	214	..
1297	Slatnes	74 28	19 17	29·2	1003·6	1007·3	- 0·5	..	283·4	Aug.1	269·7	250·0	Mar. 1	..	271·8	+ 0·6	349	-48
1298		71 4	24 6	4·3	1007·2	1007·7	- 0·1	..	297·1	July 5	273·9	260·7	Mar. 1	..	275·8	- 0·1	768	+143
1299	◊Vardö	71 5	28 14	10·2	1006·9	1008·2	+ 0·3	..	296·3	July 8	273·7	256·2	Feb.16	..	274·8	..	659	..
1300	◊Malye Karmakouly																	
1302	◊Belgatch	70 22	31 5	12·1	1007·2	1008·7	- 0·4	..	293·6	July 5	272·3	258·2	Mar. 3	..	274·4	+ 0·7	425	-230
1303		72 23	52 44	15·3	1008·3	1010·2	+ 0·1	..	296·0	Aug.	..	240·9	Jan.	..	269·5	+ 2·7	250	+ 6
1305	Cape of Desire (Zhelanya)	70 24	58 48	11·2	1010·0	1011·4	+ 1·2	..	..	..	265·2	239·8	Jan.	..	268·1	+ 1·6	212	+26
1306	Mikkson	76 57	68 34	8·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1307	Bouloune	73 30	80 23	13·0	1010·0	1011·7	+ 0·9	..	291·5	Aug.	259·9	228·6	Jan.	..	262·5	+ 0·9	119	-40
		70 45	127 47	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

YEAR - ZONE 2.

1308	Frederikshavn	N.	W.															
1309	Svevonga	64 52	175 42	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1310	Reine	63 43	170 20	5·5	..	..	..	270·6	289·1	July 22	264·6	239·7	Jan.25	267·6	..	..	212	..
1311	Bethel	64 30	165 24	6·7	..	1006·8	..	273·0	293·6	July 20	265·6	239·7	Dec.27	269·3	..	0·0	563	+113
1312	Teshekpuk	60 45	161 47	11·6	..	1005·4	- 2·0	276·0	298·0	June 23	266·8	234·7	Feb.27	271·4	..	- 0·1	482	- 1
1313	Rampart	65 10	152 6	69·5	1000·3	1008·7	- 2·7	274·7	300·2	June 23	263·7	228·6	Dec.1,18	269·2	269·4	+ 1·3	426	+101
		65 30	150 15	114	..	..	..	..	299·7	June 22,Jly.2	..	..	..	..	..	..	..	..
1314	Valdez	61 7	146 16	122	..	..	..	278·6	296·3	Aug.12	271·4	253·6	Mar.14,15	275·0	..	..	1880	..
1315	Eagle	64 46	141 12	250	977·0	1008·0	- 3·6	276·2	299·1	Jun. 18, 19, Jly. 2, 3, 13	264·0	223·6	Jan.22	270·1	270·3	+ 1·5	256	-15
1316	Nenana	64 4	139 29	324	970·2	1010·9	..	273·7	299·7	Jun.18,Jly.15	263·2	231·9	Mar.16	268·4	268·6	+ 0·6	318	+ 3
1317	Aklavik	68 14	134 50	7·6	1011·7	1012·7	..	267·8	299·1	July 15	259·3	227·4	Jan.23,24	263·6	263·4	..	298	..
1318	Fort Good Hope	66 15	128 38	65·2	1008·1	1016·6	..	271·2	302·4	July 20	259·8	223·6	Jan.22,23	265·5	266·2	+ 1·0	..	..
1319	Fort Simpson	61 52	121 15	126	996·0	1012·0	..	275·5	304·7	Aug.18	265·0	232·4	Mar.12	270·3	270·3	+ 2·1	334	-10
1320	Hay River																	
1324	Coppermine	60 51	115 57	161	991·8	1012·2	..	275·6	306·3	Aug.1	264·8	227·4	Mar.25	270·2	269·9	+ 1·8	267	-20
1325	Chesterfield	67 49	115 10	4·6	..	..	..	..	..	..	..	226·3	Mar.11	..	..	..	..	..
1326		63 45	91 50	4·0	1012·0	1012·5	..	265·8	295·8	Aug.3,21	259·2	229·1	Jan.22	262·5	262·5	+ 1·2	..	..
1327	Nottingham Island	63 7	77 56	16·5	1007·9	1010·0	..	268·3	291·9	July 15,18	261·7	231·9	Feb.12	265·0	265·1	..	..	..
1328	Hope's Advance	61 5	69 33	73·2	999·7	1009·2	..	268·4	296·3	July 17	263·7	239·1	Jan.26,27	266·1	266·2	..	241	..
1329	Resolution Island	61 18	64 53	38·7	1005·8	1010·8	..	270·1	286·9	Aug. 3	264·6	237·4	Feb.10	267·3	267·4	..	462	..
1330	Jacobshavn	69 13	51 2	31·6	1003·8	1007·8	- 1·0	272·2	290·9	July 6	266·3	245·0	Mar.21	269·3	269·7	+ 2·4	227	- 4
1331	Godthaab	64 10	51 43	20	..	..	..	275·9	292·6	June 27	269·1	255·0	Feb.19,Mar.24	272·5	272·4	+ 1·4	346	-257
1332	Ivigut	61 12	48 10	30·0	1003·5	1007·3	+ 1·8	277·8	292·4	June 22	270·0	249·6	Mar.5	273·9	274·2	+ 0·6	1133	- 6
1333	Angmagsalik	65 36	37 33	29·3	1004·6	1008·3	+ 1·2	275·6	292·9	Aug.15	268·6	253·1	Dec.28	272·1	271·9	+ 0·5	..	..
1334	Stykkisholm	65 5	22 46	25	..	1006·6	+ 0·4	280·3	294·2	Aug.12	274·1	257·5	Mar.2	277·2	276·9	+ 1·1	850	+198
1335	Vestmanno	63 24	20 17	122	..	1007·0	+ 1·6	280·1	289·5	July 23	275·9	258·4	Feb.21	278·0	278·1	+ 0·6	..	..
1336	Grimsey	66 33	18 1	22	..	1007·5	- 0·1	277·9	291·3	Aug.2	..	..	..	..	275·6	+ 1·0	327	+57
1337	Akureyri	65 41	18 5	7	..	1007·9	+ 0·3	279·5	295·4	Aug.12	273·7	255·2	Mar.3	276·6	276·6	- 0·4	475	..
1338	Teigarhorn	64 41	14 22	18	..	1007·6	+ 0·7	281·2	294·4	Aug.2	274·1	259·4	Feb.22	277·7	277·2	+ 1·1	1308	+142
1339	Hjorsey	62 3	6 45	22·9	1005·9	1008·7	+ 0·2	281·8	292·6	Aug.5	276·9	265·6	Feb.23,Mar3	279·3	279·6	+ 0·1	1521	+60
1340	Leverick	60 8	W. 1 11	18·0	..	1009·6	+ 0·3	282·2	293·0	July 8	278·9	268·6	Mar.3	280·5	280·6	+ 0·4	1082	+118
1341	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1005·4	1010·8	+ 0·1	283·0	300·7	July 7	277·4	265·5	Mar.6	280·2	279·9	- 0·2	1785	+54
1342	Aalesund	62 28	6 10	6·3	1009·4	1010·2	+ 0·1	..	300·0	July 7	277·2	266·9	Mar.7	..	279·5	- 0·4	1169	-81
1343	Trondheim	63 26	10 25	59·2	1002·8	1010·1	- 0·2	280·4	303·4	July 7	274·0	254·4	Mar.6	277·2	277·4	- 0·3	914	+124
1344	Bodo	67 17	14 26	17·0	1006·8	1008·9	+ 0·1	..	299·0	July 7	274·5	256·8	Feb.28	..	277·1	0·0	967	+61
1345	Haparanda	65 50	24 9	9·2	1009·2	1010·4	- 0·4	277·8	304·5	July 7	270·6	242·0	Jan.21	274·2	274·3	+ 0·9	707	+220
1346	Helsingfors	60 10	24 57	11·7	1010·3	1011·7	- 1·0	280·2	301·5	July 6	274·1	247·5	Jan.22	277·1	277·2	0·0	701	+82
1347	Kuopio	62 55	27 40	233	983·0	1011·9	- 0·1	277·8	300·6	July 6	271·4	246·7	Feb.8	274·6	274·6	- 0·8	594	- 3
1348	Kola	68 53	33 0	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1349	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1350	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1351	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1352	Ostr-Taylma	65 25	52 18	68	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1353	Tscardyn	60 24	56 31	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 2.cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
249a	Yugor Strait	69 49	60 45	13·0	1010·0	1011·7	+ 1·5	269·9	297·6	Aug.	264·4	236·1	Mar.	267·1	268·0	+ 1·8	238	+51
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 47	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholiansk	67 33	133 24	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	? 163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	17·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

YEAR - ZONE 3. BETWEEN LATITUDE 60° N. AND 50° N.

		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1005·2	- 1·3	277·1	287·4	July 1,2	272·5	255·8	Feb.21	274·8	..	+ 0·7	689	+4
303	∮Dutch Harbor	53 55	166 30	4·0	1005·1	1005·7	- 0·3	280·9	296·3	Sept.10	274·6	261·3	Feb.22,28	277·7	277·5	+ 0·2	1319	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	507	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	1240	..
306	Kodiak	57 48	152 22	4·6	1003·0	1003·8	- 2·3	282·0	297·4	Aug.12	275·5	260·2	Feb.27	278·8	278·7	+ 0·7	1240	+4
309	Sitka	57 3	135 19	19·8	..	..	..	284·4	298·6	June 14,30	277·0	261·3	Nov.15	280·7	..	+ 1·1	2564	+1
310	∮Prince Rupert	54 18	130 18	51·8	1005·9	1012·2	- 1·4	284·3	296·3	June 14	278·1	267·4	Mar.11,Nov.16,17	281·2	281·3	+ 0·8	2580	+5
311	Prince George	53 50	122 48	570	945·6	1013·8	..	284·4	307·4	July 20	271·2	241·9	Dec.11	277·8	277·9	+ 1·3	505	+1
312	∮Kamloops	50 41	120 20	385	971·0	1017·0	- 2·0	287·0	310·8	July 20	277·6	254·7	Dec.12	282·3	282·4	+ 0·9	2044	+4
313	Calgary	51 2	114 2	1079	..	1012·5	- 1·9	285·0	305·8	July 24	271·8	246·3	Nov.17	278·4	278·2	+ 2·0	300	-2
314	Fort Saith	60 0	111 52	207	936·2	1011·8	..	277·8	304·7	Aug.1	265·4	227·4	Jan.22	271·6	271·6	+ 2·8	370	+1
315	Prince Albert	53 10	105 45	436	960·9	1014·0	- 2·2	282·9	308·6	June 26	270·8	239·1	Dec.7	276·9	276·5	+ 3·6	272	-2
316	Qu'Appelle	50 31	103 56	654	936·8	1014·4	- 2·1	284·2	311·3	July 25	271·7	241·3	Jan.13	277·9	277·7	+ 3·5	304	-1
317	Minnedosa	50 15	99 50	515	952·8	1014·9	- 1·2	283·3	315·2	June 17	270·9	239·7	Feb.9	277·1	276·8	+ 3·1	..	..
318	Berens River	52 18	97 2	219	..	..	..	..	..	..	..	240·2	Feb.9,13	..	..	..	764	+3
319	Pagwa	50 3	85 18	189	..	..	..	283·7	309·1	June 30	267·3	236·3	Feb.14	275·5	..	+ 2·3	..	..
320	Moose Factory	51 14	80 30	9·1	1012·6	1013·8	..	278·1	305·8	June 29	266·9	233·6	Jan.24	272·5	272·7	+ 0·3	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	275·8	303·0	June 29	267·2	232·4	Jan.23,24,31	271·5	..	+ 2·3	794	..
322	Mistassini Post	50 30	73 55	383	..	..	..	279·0	304·7	June 29,30	267·3	232·4	Feb.2	273·4	..	+ 1·6	..	..
323	Fort Chimo	58 10	68 10	15·2	1009·7	1011·6	..	275·1	309·1	July 19	264·8	233·0	Jan.27	269·9	269·8	+ 1·3	1079	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	279·6	299·1	July 25	271·2	241·9	Jan.29	275·4	..	+ 2·3	..	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	‡	..	..	..	..	..	..	..	..	..	..	..	..	1423	..
334	Valentia Observatory	51 56	10 15	13·7	1012·5	1014·2	+ 0·5	285·9	297·5	Aug.5	281·6	271·0	Mar.10	283·8	283·9	+ 0·4	737	..
335	Aberdeen	57 10	W. 2 6	26·0	1008·5	1011·7	+ 0·4	283·4	294·5	July 22	278·2	262·0	Mar.4	280·8	280·9	+ 0·1	633	..
336	Greenwich	51 29	0 0	46·3	..	1015·4	+ 0·3	287·1	300·2	July 12	278·8	266·9	Mar.10,Dec.31	282·9	282·6	- 0·2	..	..
337	Uccle	50 48	E. 4 22	100	1003·1	1015·3	- 0·4	287·2	304·1	June 14	278·4	263·6	Mar.10	282·8	282·1	+ 0·1	847	..
338	De Bilt	52 6	5 11	3·0	1014·2	1014·6	- 0·5	286·1	302·7	Aug.6	278·0	261·7	Mar.10	282·1	281·7	- 0·4	778	..
338a	Hamburg	53 33	9 58	40·3	1009·0	1013·9	- 0·8	284·7	304·4	Aug.5	278·4	263·2	Mar.7	281·5	281·2	- 0·2	680	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1012·3	1012·9	- 0·8	283·5	299·8	Aug.6	277·4	261·6	Mar.11	280·5	280·6	+ 0·7	778	..
340	Potsdam	52 23	13 4	84·9	1004·3	1014·7	- 0·6	285·2	305·4	Aug.5	277·5	260·5	Dec.1	281·3	281·0	+ 0·3	577	..
340a	Uppsala	59 51	17 38	24	1008·4	1011·3	- 0·8	281·5	304·2	Aug.4	273·5	252·5	Mar.9	277·5	277·6	- 0·3	552	..
341	Warsaw	52 13	21 3	88·3	1004·2	1015·0	- 1·5	284·8	306·5	May 30	276·8	259·4	Jan.22,23	280·8	280·5	- 0·2	298	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1002·4	1012·4	- 1·1	280·9	302·1	Aug.2	273·6	245·9	Feb.6	277·3	277·3	- 0·2	..	..
343	Leningrad	59 56	30 16	4·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	426	..
346	Kazan	55 47	49 8	80·6	1008·0	1018·1	+ 0·9	281·4	308·3	July 12	272·9	245·7	Dec.20	277·1	276·8	+ 0·5	..	..
347	Orenburg	51 45	55 6	109	..	..	..	..	..	..	..	..	..	..	..	..	..	..
348	Perm	58 1	56 16	163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
349	Sverdlovsk	56 50	60 38	281	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	249	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	81·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N. YEAR - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
432	Victoria, B.C.	48 24	123 19	70·1	1007·4	1015·9	- 0·6	286·6	303·0	July 8	280·4	271·9	Nov.21	283·5	283·1	+ 0·8	754	-16
433	Portland, Oregon	45 32	122 41	46·6	1011·8	1017·3	- 0·5	290·4	311·3	July 19	281·3	269·1	Nov.30,Dec.1	285·9	285·5	+ 1·5	1084	-21
434	∮Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Helena	49 44	113 24	953	..	..	..	287·6	310·2	July 25	274·1	246·3	Dec.12	280·8	280·9	+ 2·5	353	-22
436	Salt Lake City	46 34	112 4	1257	873·7	1016·3	+ 0·4	287·3	311·9	July 21	275·1	251·9	Nov.22	281·2	281·0	+ 1·8	182	-157
437	Cheyenne	40 46	111 54	1329	868·3	1016·1	+ 0·8	289·7	313·6	July 24	279·0	258·0	Dec.16	284·3	284·7	+ 0·3	288	-128
438	North Platte	41 8	104 48	1856	813·4	1016·0	+ 1·0	287·8	308·0	July 25	274·4	250·8	Mar.27	281·1	281·2	+ 1·1	325	-31
439	Bismarck	41 8	100 45	860	916·3	1015·8	- 0·6	291·6	313·6	Sept.5	277·5	255·2	Mar.26	284·6	284·3	+ 2·4	255	-215
440	Winnipeg	46 47	100 48	510	954·3	1015·3	- 1·0	287·1	314·7	July 27	274·8	250·2	Jan.13,Dec.13	280·9	280·9	+ 3·1	400	-33
441	Duluth	49 53	97 7	232	986·8	1015·3	..	283·4	310·8	Aug.21	273·1	243·6	Feb.9	278·3	277·9	+ 3·9	432	-81
442	Fort Arthur	46 47	92 6	345	973·9	1015·7	- 0·4	284·8	307·4	June 29,July 28	275·1	249·1	Jan.21	279·9	279·4	+ 3·5	781	+49
443	Chicago	48 27	89 12	196	991·1	1015·1	- 1·0	283·4	307·4	July 28,Aug.5	274·1	244·1	Jan.21	278·7	278·7	+ 3·6	753	+164
444	Toronto	41 47	87 35	205	991·9	1016·9	+ 0·1	288·8	310·2	July 1	281·5	258·6	Jan.21	285·2	284·7	+ 2·1	998	+159
445	∮New York (Central Park)	43 40	79 24	116	1002·0	1016·1	- 0·7	287·3	310·8	July 1	278·4	255·2	Jan.15,22,Feb.1	282·9	282·4	+ 2·6	694	+101
446	St.John, N.B.	40 47	73 58	47·4	1010·6	1016·3	- 0·7	290·4	310·2	Aug.7,Sept.11	282·0	261·3	Jan.15	286·2	286·0	+ 1·6	916	-193
447	S.W.Point, Anticosti	45 17	66 4	36·3	1009·9	1014·4	..	283·5	301·9	June 20	275·7	251·9	Jan.25,Feb.8	279·6	279·2	+ 1·5	1156	-64
448	Sable Island (Main Station)	43 57	60 6	7·6	1011·1	1012·2	..	278·8	294·1	July 29	272·7	252·4	Feb.7,8	275·8	276·2	+ 1·2	767	-22
449	St.John's, Newfoundland	47 34	52 42	74·1	1013·4	1014·3	..	283·9	296·9	Aug.30	278·9	260·8	Jan.25	281·4	281·3	+ 1·4	1229	-73
450	Madrid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Nantes	40 24	3 41	667	939·9	1017·0	- 0·6	293·0	311·1	June 11	281·1	268·0	Jan.16	287·1	286·4	+ 0·9	312	-106
452	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1011·6	1016·0	- 0·8	287·9	302·4	July 2	280·3	266·3	Dec.23	284·1	283·9	- 0·2	850	+64
453	Marseille	48 49	E. 2 30	50·3	1010·3	1016·4	- 0·3	287·5	305·0	June 14	279·3	267·4	Mar.10	283·4	283·3	+ 0·1	797	+235
454	Zürich	43 18	5 23	75	..	1014·5	- 0·5	292·1	306·8	July 3	282·1	267·2	Jan.12	287·1	286·7	- 0·4	565	-10
455	Rome	47 23	8 33	493	958·5	1017·2	- 0·5	286·7	308·6	June 14	277·4	262·1	Dec.20	282·0	281·3	- 0·3	1243	+134
456	Vienna	41 54	12 29	45·5	1008·8	1014·1	- 1·0	293·7	311·1	Aug.6	284·1	269·4	Dec.26	288·8	288·7	+ 0·3	789	-42
457	Budapest	48 15	16 22	203	991·8	1016·4	- 0·2	285·5	306·9	July 15	278·5	261·3	Feb.10	282·0	282·0	- 0·6	658	+10
458	Sofia	47 31	19 1	130	1000·4	1016·2	- 0·4	288·3	310·4	July 15	279·3	262·7	Dec.20	283·8	283·3	- 0·2	615	-23
459	Bucharest	42 42	23 20	550	951·9	1016·7	- 0·8	288·0	309·7	July 16	278·7	258·0	Dec.25	283·3	283·3	+ 0·3	..	..
460	Odessa (Observatory)	44 25	26 6	82	1006·6	1016·6	- 0·2	290·2	311·6	July 16	276·5	255·3	Dec.3	283·3	283·6	0·0	634	+45
461	Novorossiisk	46 26	30 46	42·8	..	..	..	285·2	..	..	279·0	..	..	282·1	..	- 0·7	..	..
462	Tiflis	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
463	Astrakhan	41 43	44 48	404	..	..	..	..	..	..	..	..	..	..	..	..	..	..
464	Fort Alexendrovsk	46 21	48 2	-20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Kraanovodak	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466	Kasalinsk	40 0	52 59	-4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
467	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
468	Andijan	41 20	69 18	479	..	..	..	..	..	..	..	..	..	..	..	..	..	..
469	Aulie Ata	40 47	72 23	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
470	Moukden	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
471	Joshin	41 46	123 24	44·3	1010·9	1016·3	- 0·2	286·5	307·6	July 28	274·6	245·7	Jan.10	280·5	280·2	+ 0·1	735	+67
472	Tiki	40 40	129 12	31·9	1012·2	1016·2	+ 1·1	284·7	303·4	Aug.14	276·3	251·4	Jan.10	280·5	280·2	- 0·7	828	+118
473	Vladivostok	42 20	130 24	63·8	1008·2	1016·1	+ 0·9	282·3	303·7	Aug.10	274·7	247·0	Jan.10	278·5	278·4	- 0·8	780	+42
474	Ichiai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
475	Asmuro	47 20	142 47	27·4	1009·2	1012·7	+ 1·0	278·0	302·6	Aug.19	268·5	239·4	Jan.9	273·3	273·2	- 1·6	835	-14
476	Syrna	43 20	145 35	26·7	1010·1	1013·4	+ 0·8	281·4	300·6	Aug.20	274·3	250·1	Feb.18	277·9	277·7	- 0·8	1013	+54
		45 14 N.	147 53 E.	39·3	1007·6	1012·5	+ 0·7	279·5	302·9	Aug.20	272·7	246·9	Feb.20	276·1	276·1	- 1·2	1205	+174

BETWEEN LATITUDE 40° N. AND 30° N. YEAR - ZONE 5 (AMERICA).

		N.	W.															
240	San Francisco	37 48	122 26	47·2	1010·1	1015·8	- 1·1	291·3	310·2	July 3	283·9	276·9	Nov.23,Dec.14	287·6	287·0	+ 1·8	581	+14
241	Sacramento	38 35	121 30	21·0	1012·2	1014·6	- 1·0	296·3	315·8	July 4	282·7	270·8	Nov.23	289·5	289·7	+ 1·0	364	-108
242	San Diego	32 43	117 10	26·5	1011·2	1014·3	- 0·9	294·7	308·6	June 24	287·3	276·3	Nov.24	291·0	290·6	+ 2·1	384	+143
243	Modena	37 48	113 54	1668	833·7	1014·7	- 0·1	290·0	311·3	July 26	273·8	245·8	Dec.13	281·9	281·7	+ 0·2	220	-68
244	Santa Fé	35 41	105 57	2138	788·0	1014·7	+ 0·5	288·8	305·2	July 22	276·3	255·2	Dec.13	282·5	282·3	+ 0·3	404	+32
245	Denver	39 45	105 0	1613	837·8	1015·7	+ 0·9	290·7	310·8	July 22	278·0	254·1	Mar.27	284·3	284·2	+ 1·4	336	-26
246	Abilene	32 23	99 40	530	954·9	1015·9	+ 0·1	297·4	311·3	July 7	285·5	265·8	Mar.27	291·5	290·9	+ 0·9	718	+106
247	Saint Louis	38 38	90 12	173	996·3	1017·0	- 0·3	293·2	313·0	July 1	283·8	260·2	Jan.14	288·5	288·3	+ 2·2	950	-58
248	Mobile	30 41	88 2	17·4	1015·9	1017·8	+ 0·3	297·8	309·7	June 29	288·4	270·2	Jan.15	293·1	292·6	+ 0·9	1557	-30
249	Nashville	36 10	86 47	166	999·0	1018·6	+ 0·5	294·7	310·8	June 29	284·2	263·0	Jan.15	289·4	289·4	+ 1·2	925	-280
250	Charleston	32 47	79 56	14·6	1016·6	1018·1	+ 0·1	296·6	311·3	July 2	288·3	271·9	Jan.15	292·4	292·5	+ 0·8	729	-500
251	Washington	38 54	77 3	34·1	1012·8	1017·1	- 0·9	292·6	310·2	June 20	282·6	264·1	Jan.16	287·6	287·2	+ 1·9	853	-221
252	Bermuda	32 17	64 46	38·1	1013·6	1018·1	..	297·9	308·0	Aug.18	291·2	281·3	Jan.16	294·6	294·1	- 0·3	1327	-134
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1015·1	1020·6	- 0·9	293·5	302·5	Jly.30,Aug.2	288·9	281·0	Jan.8	291·2	‡291·3	+ 0·7	1483	-303
531	Horta	38 32	28 38	65	1012·5	1020·3	- 1·3	293·8	303·6	Aug.1	288·1	279·9	Mar.18	290·9	290·7	+ 0·1	1115	+25
532	Ponta Delgada	37 44	25 40	22	1017·9	1020·6	- 0·7	292·7	299·5	July 28	288·4	281·0	Mar.19,20	290·5	290·7	+ 0·4	1149	+59
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	677	+288
533	Madeira (Funchal)	32 38	16 55	25	1017·6	1020·6	+ 0·8	294·6	300·5	July 18	289·0	283·0	Dec.24	291·8	291·9	+ 0·7	456	+208
535	Lisbon	38 43	9 9	95	1006·8	1018·2	+ 0·7	292·3	307·6	July 17	285·5	275·2	Dec.22	288·9	288·7	+ 0·1	796	+96
536	Gibraltar	36 6	5 21	27·4	..	1017·3	- 0·7	295·5	308·0	July 13	286·9	276·3	Jan.16	291·2	290·2	+ 0·3	..	..
536a	Colomb-Béchar	31 37	W. 2 13	769	..	..	..	..	..	..	..	269·6	Jan.13	..	..	..	..	-104
537	Palma	39 34	E. 2 39	23	1013·1	1015·8	- 1·5	..	..	..	..	..	..	..	‡291·2	+ 0·4	319	+60
538	Algiers	36 46	3 13	59	1009·2	1016·2	- 0·6	294·8	311·1	May 23, June 13	288·4	276·4	Feb.21	291·6	291·2	+ 0·4	844	-13
538a	Gadames	30 18	9 30	351	..	..	..	306·0	325·4	Aug.16	286·6	269·4	Feb.19	296·3	..	+ 0·8	9	+173
539	Tunis	36 48	10 10	66	1007·1	1014·9	- 0·9	296·1	319·3	Aug.4	286·5	273·6	Dec.22	291·3	290·9	+ 0·4	589	+281
540	Malta	35 54	14 31	71·2	..	1014·6	- 0·3	294·9	313·0	Aug.7	289·1	278·6	Feb.15	292·0	291·4	+ 0·1	667	+264
541	Athens	37 58	23 43	107	1001·6	1014·2	- 0·7	295·6	314·0	June 26	286·9	272·3	Mar.28	291·3	290·8	+ 0·5	523	+33
542	¢Alexandria	31 12	29 53	32·0	1011·0	1014·8	+ 0·2	298·9	312·0	Sept.24	290·2	280·2	Feb.3	294·5	294·0	+ 0·7	..	..
543	Ankara	39 58	32 48	861	916·0	1014·6	- 1·3	290·6	309·2	July 22	278·1	257·1	Jan.31	284·3	284·6	..	423	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1012·3	- 0·2	298·8	314·7	Aug.12,Sept.15	285·7	272·4	Dec.26	292·3	..	+ 0·4	336	+77
544	¢Beirut	33 54	35 28	33·7	..	1012·7	- 1·0	297·6	311·8	Sept.15	290·8	279·2	Mar.4	294·2	294·0	+ 0·7	799	+51
545	Hinaidi	33 17	44 29	32·9	1006·9	1010·7	- 0·6	303·3	319·7	July 20	288·0	268·6	Dec.27	295·7	295·9	+ 0·1	133	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	871·5	1004·5	..	..	..	..	..	..	..	..	..	- 0·5	253	+77
548	Meshed	36 17	59 36	946	..	..	..	294·6	311·1	July 21	283·4	262·2	Dec.26	289·0	288·8	..	412	..
549	Seistan	31 2	61 30	2610	955·5	..	..	292·9	310·3	July 21	..	..	..	..	..	..	63	+7
550	Quetta	30 10	67 1	1647	834·7	..	- 0·4	300·1	315·9	Aug.2	286·4	266·2	Dec.28	293·3	..	- 0·2	282	-38
551	Peshawar	34 1	71 35	355	969·7	1010·2	- 0·2	296·6	312·4	Aug.8,13	280·4	264·7	Dec.21	288·5	288·3	+ 0·6	260	+36
551a	Lahore	31 35	74 20	214	984·6	1009·1	+ 0·3	303·2	317·4	July 21	289·1	273·6	Feb.4,6	296·2	295·6	+ 0·8	698	+198
552	Simla	31 6	77 10	2202	781·2	..	+ 0·4	304·4	319·1	June 11	289·7	274·1	Dec.29,30,31	297·1	296·4	- 0·3	992	-7
552a	Leh	34 9	77 34	3503	666·7	..	+ 0·5	290·2	302·4	June 30	283·3	269·1	Feb.4	286·7	286·5	+ 0·4	81	..
558	Sian	34 31	109 5	365	..	..	..	..	300·2	Aug.4,18	272·6	255·8	Feb.5	..	..	..	..	..
559	Hankow	30 35	114 17	39·1	1012·4	1017·2	+ 0·2	..	..	..	..	..	..	..	..	..	1421	+376
560	Tientsin	39 9	117 9	6·4	1016·6	1017·1	- 0·1	293·5	309·9	July 3	286·5	258·0	Jan.10,11	..	..	0·0	534	-52
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·7	1016·5	+ 0·1	291·4	312·2	June 5	279·7	262·8	Jan.10	290·0	289·8	+ 0·1	1602	+626
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1008·4	1016·9	+ 0·6	293·4	309·7	Aug.22	284·7	261·4	Jan.10	289·0	288·2	+ 0·1	1382	+452
562a	Nagasaki	32 44	129 52	133	1000·0	1015·8	+ 0·4	288·0	307·4	Aug.9	279·9	252·0	Jan.11	284·0	283·6	- 0·1	2024	+1181
563	Kyoto	35 1	135 44	42·9	1010·6	1015·8	+ 1·1	292·9	307·2	Aug.24	285·4	268·1	Jan.10	289·1	288·7	0·0	1543	+255
564	Tokyo	35 41	139 46	5·8	1014·2	1014·9	+ 0·8	293·0	307·9	Aug.9,26	282·2	266·4	Jan.11	287·6	287·1	+ 0·4	1565	+1
565	Hukusima	37 45	140 28	68·5	1006·9	1015·2	+ 1·1	291·5	306·8	Aug.28	282·9	266·9	Jan.11,Feb.9	287·2	287·0	+ 0·2	947	-36
566	Miyako	39 38	141 59	30·4	1010·5	1014·2	+ 0·6	290·2	309·7	Aug.21	279·8	261·2	Jan.16	285·0	284·5	- 0·3	1329	..
		N.	E.					288·5	307·3	Aug.21	278·1	258·9	Feb.12	283·3	282·6	- 0·4		

YEAR - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1017·0	1017·7	..	..	309·7	July 2	290·4	281·9	Jan.27	..	..	..	697	-76
605	Honolulu	21 19	157 52	11·6	1015·6	1017·0	+ 0·3	299·3	302·4	Oct.11	294·4	288·6	Dec.7	296·9	296·7	+ 0·2	425	-78
613	¢Guaymas	27 55	110 53	8·3	1011·6	1012·5	- 0·1	303·0	313·0	Aug.,Sept.,Oct.	292·8	280·0	Jan.6	297·9	297·5	+ 0·4	186	-24
614	La Paz, Mexico	24 10	110 20	12	1009·3	1010·7	..	301·0	311·5	Aug.19	293·9	285·0	Jan.3	297·5	297·0	..	548	+1
615	Leon	21 7	101 41	1809	820·4	1009·8	- 1·4	298·8	305·9	June 7	284·0	273·9	Jan.21	291·4	290·7	- 0·9	564	+276
616	¢Monterry	25 40	100 18	528	954·4	1014·2	+ 0·7	298·6	311·3	May 19	289·3	276·0	Jan.21	293·9	293·5	- 0·9	693	+264
617	Tulancingo	20 5	98 22	2181	790·0	..	- 0·3	295·3	304·2	May 19	281·4	272·4	Jan.6,Mar.10	288·3	287·3	- 0·6	1037	+35
618	Galveston	29 18	94 50	16·5	1015·9	1017·9	+ 0·9	296·6	308·6	July 10	291·4	274·7	Mar.28	294·0	293·8	+ 0·2	1384	+1
618a	New Orleans	29 57	90 4	16·2	1015·9	1017·5	+ 0·4	298·4	309·7	July 9	290·2	271·9	Jan.15	294·3	294·0	+ 0·7	..	..
619	Merida, Yucatan	20 58	89 38	22	1011·9	1014·4	- 0·7	302·6	309·6	May 19	294·4	284·6	Jan.7	298·5	297·6	- 0·4	844	-1
620	Havana	23 7	82 25	77·0	1006·2	1015·1	- 1·1	301·2	307·0	May 20	293·8	285·8	Feb.22	297·5	297·1	..	1441	+1
620a	Key West	24 33	81 48	6·7	1015·2	1016·1	- 0·6	300·3	306·3	Jul.9,Aug.12	294·8	281·9	Jan.15	297·6	297·3	- 0·3	1271	+1
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·1	+ 0·1	301·1	306·9	Aug.1,19	294·6	285·2	Mar.11	297·8	297·8	- 0·3	929	-1
622	San Salvador (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	291·9	Jan.15,16,Mar.31	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	301·0	313·2	Oct.19	287·3	280·5	Dec.23	294·1	..	..	34	..
634m	Izaña	28 19	16 30	2367	769·6	..	+ 0·3	286·6	300·4	Aug.19	279·1	267·9	Dec.25	282·9	282·4	+ 0·8	272	+36
634	La Laguna	28 28	16 20	547	953·4	1016·7	- 1·3	293·5	305·8	Aug.22,24	284·4	274·6	Feb.29	288·9	288·3	- 0·5	..	..
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	323·8	July 10	..	..	..	..	..	..	9	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	863·6	1006·0	..	303·0	314·6	July 31	288·2	271·0	Jan.17	295·6	296·0	+ 1·1	..	..
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	273·1	Jan.14	..	..	..	..	..
640	Hon	29 8	15 56	263	..	..	..	..	..	..	..	..	..	..	..	..	3	..
641	Giarabub	29 44	24 30	12	..	..	..	302·7	317·4	July 11	287·5	275·3	Dec.27	295·1	..	..	..	..
642	Siwa	29 12	25 29	-23	1017·3	1014·6	- 0·7	..	..	..	..	..	..	..	293·9	..	9	..
643	Cairo (Helwan)	29 52	31 20	116	1000·2	1013·7	- 0·3	301·4	315·7	June 5	289·0	277·1	Dec.29	295·2	295·1	+ 0·7	..	..
643a	Aswan	24 2	32 53	100	999·7	1011·1	- 0·5	307·9	319·9	May 31	292·0	278·6	Dec.27	299·9	299·2	+ 0·8	..	..
644	Tor	28 14	33 37	1·9	1011·2	1011·4	0·0	301·6	315·0	July 29	290·3	275·5	Dec.28	295·9	295·6	+ 0·6	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

YEAR - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
627	Bushire	28 59	50 49	4·3	1008·8	1009·3	..	300·7	313·5	Sept.7	293·7	275·8	Dec.26	297·2	296·6	+ 0·2	181	-84
628	Jask	25 45	57 45	4·0	1007·9	1008·3	..	303·8	314·7	July 1	296·6	283·8	Feb.24	300·2	299·6	+ 0·5	162	+48
629	Karachi	24 48	66 59	4·0	1009·2	1009·7	- 0·1	302·1	310·8	Oct.11	295·2	282·4	Feb.4	298·7	298·1	+ 0·3	19	-174
630	Jacobabad	28 17	68 29	56·7	1002·1	1008·5	+ 0·1	308·1	321·3	June 11	292·4	275·2	Jan.12	300·2	299·6	+ 0·2	27	-64
631	Multan	26 55	75 50	436	961·2	1010·0	+ 0·5	305·7	318·6	May 7,June 10	292·0	275·8	Feb.5	298·9	298·3	+ 0·2	698	+80
632	Allahabad	21 9	79 7	310	974·6	1009·4	- 0·1	306·7	320·2	June 10	293·9	280·8	Jan.3	300·3	299·8	+ 0·4	1536	+293
633	Darjiling	25 26	81 50	94·2	997·9	1008·7	- 0·1	306·0	320·2	June 11	293·3	277·4	Dec.31	299·7	299·0	+ 0·9	940	-53
634	Calcutta	27 3	88 16	2265	775·7	..	0·0	288·4	296·3	Aug.15	282·4	273·0	Feb.13	285·4	285·2	+ 0·7	3130	+15
635	Gauhati	22 32	88 20	6·4	1008·2	1009·0	0·0	304·3	312·4	Apr.29,30	295·6	283·6	Dec.30,31	299·9	299·6	+ 1·1	1660	+69
636	Cherrapunji	26 11	91 45	59·7	1003·7	1010·5	- 0·2	302·3	309·7	Mar.26	292·4	282·4	Feb.6,7	297·3	296·5	+ 0·2	1932	274
637	Akyab	25 15	91 44	1313	868·3	..	+ 0·3	293·8	301·3	July 1	287·6	278·6	Feb.6,Dec.27	290·7	290·1	+ 0·5	12045	+12712
638	Mandalay	20 8	92 55	8·8	1011·4	1010·4	+ 0·4	302·9	307·4	Feb.25,Mar.12	295·0	285·2	Feb.7,8,Dec.31	298·9	298·7	- 0·1	5163	- 4
639	Tavoyuah	21 59	96 6	76·2	1003·4	1010·1	- 0·2	307·4	316·3	Apr.23	295·6	284·1	Jan.15	301·5	300·9	+ 0·7	592	-249
640	Pan Lien	25 0	98 40	1634	833·9	1008·1	..	294·2	301·3	June 6	283·1	270·2	Jan.17	288·7	288·0	+ 0·3	..	..
641	Macao	20 48	106 38	116	..	1010·9	- 0·3	300·4	312·3	May 24	293·8	280·6	Jan.10	297·1	296·4	+ 0·4	1677	-77
642	Hongkong	21 31	107 58	9·0	..	..	..	..	310·6	Aug.17	..	278·1	Jan.10	..	..	..	..	..
643	Amoy	22 18	114 10	33·2	..	1012·1	- 0·4	297·9	307·4	Aug.25	293·5	277·6	Jan.10	295·7	295·5	+ 0·4	2042	-136
644	Taihoku, Formosa	24 26	118 4	4·9	1013·7	1014·3	- 0·1	297·3	308·0	Aug.14,24	292·6	276·9	Jan.11	294·9	294·7	- 0·1	2123	+941
645	Basco	25 2	121 31	9·3	1012·9	1014·0	+ 0·3	299·4	308·9	Aug.2	291·7	276·7	Jan.19	295·3	295·0	+ 0·3	2433	+300
646	Bahn	20 28	121 59	18·7	..	1010·7	+ 0·2	301·8	306·9	June 23	296·9	288·9	Jan.10,11	299·4	299·1	+ 0·5	3422	+388
647	Titirima (Bonin Islands)	26 12	127 39	29·5	1010·4	1013·8	+ 0·3	298·1	305·5	July 29	293·1	280·6	Jan.10	295·6	295·5	+ 0·4	2043	-101
		27 5 N.	142 11 E.	4·3	1014·3	1014·8	+ 0·5	298·9	307·0	July 30	293·3	282·0	Jan.29	296·1	295·9	+ 0·4	1519	-118

BETWEEN LATITUDE 20° N. AND 10° N.

YEAR - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
705	¢Colima	19 12	103 45	498	956·8	1012·5	+ 0·5	304·7	311·0	May 24	291·3	283·4	Feb.28	298·0	296·8	- 0·4	950	+97
706	¢Morelia	19 42	101 7	1923	809·5	1009·8	- 0·4	295·5	301·2	June 7	284·9	276·5	Jan.6	290·2	289·9	0·0	834	+65
707	¢Mexico, Tacubaya	19 24	99 12	2309	774·9	..	- 0·2	296·3	303·5	May 11	281·3	272·0	Jan.1	288·8	287·7	- 0·2	829	+150
708	Salina Cruz	16 12	95 12	56	1004·6	1011·0	- 1·3	302·8	308·4	June 7	295·0	289·4	Mar.3	298·9	299·5	- 0·2	1085	+112
709	San Salvador	13 42	89 13	682	937·0	1012·4	+ 0·1	306·7	312·8	Apr.29	291·1	284·4	Jan.7,Feb.6	298·9	296·6	+ 0·4	1801	- 3
710	Belize	17 31	88 11	5·2	..	..	..	..	304·7	May 12	..	283·6	Jan.22	..	..	..	3055	+1181
711	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·1	- 0·6	303·9	307·3	Sept.4	295·4	290·6	Jan.29,Mar.21	299·7	299·4	+ 0·7	1155	-219
712	Port au Prince	18 33	72 20	37·4	1009·5	1013·8	- 0·7	304·8	309·2	Aug.28	295·6	291·6	Jan.6	300·2	299·5	+ 0·3	1620	+249
713	San Juan, Porto Rico	10 30	66 56	1043	..	..	..	..	..	..	..	..	..	..	..	..	..	..
714	Grenada (Richmond Hill)	18 29	66 7	25·0	1011·5	1014·5	- 1·2	301·9	306·3	May,June,Oct.	296·4	291·9	Feb.18	299·2	298·9	+ 0·7	2224	+585
715	Barbados	12 5	61 46	188	992·5	1013·8	+ 1·0	303·7	306·3	Apr.13	296·3	294·1	June 26	300·0	299·5	+ 0·9	2609	+714
716	Sto. Vicente, C. Verde Is.	13 8	59 36	57·9	..	1013·3	- 0·5	302·9	305·2	May 15,18,20	295·7	290·8	Jan.10	299·3	299·1	+ 0·3	1588	+223
717	San Tiago, C. Verde Is.	16 54	25 4	11	1014·1	1015·4	+ 1·2	298·6	304·0	Aug.23	294·9	291·5	Dec.19	296·7	296·7	+ 0·2	..	..
718	¢Dakar	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·8	310·8	Mar.4	294·3	285·2	Jan.23	298·0	298·0	- 0·4	855	-381
720	Medjbelé	12 57	7 26	300	..	..	..	307·7	316·0	Apr.	292·9	283·2	Jan.24	300·3	..	..	..	..
721	Kabara	16 45	W. 3 1	273	..	..	..	310·6	322·0	May	294·0	279·0	Dec.15	302·3	301·8	..	257	..
722	Bobo	13 2	E. 5 14	354	..	..	..	309·2	317·4	Apr.15	295·0	286·9	Jan.4	302·1	301·6	+ 0·9	648	-33
723	Kehena Capital	10 32	7 25	597	..	..	..	..	..	..	..	..	..	..	..	..	..	..
724	Silka	18 41	12 55	356	..	..	..	..	..	..	..	..	..	..	..	..	..	..
725	Maiduguri	11 47	13 11	361	..	..	..	309·9	319·1	Mar.29	..	..	..	..	..	..	..	..
726	El Fasher	13 32	25 18	730	927·1	1006·8	..	310·0	317·0	Apr.10	289·0	277·0	Dec.29	299·5	298·0	+ 0·3	813	+216
727	El Obeid	13 11	30 14	563	946·5	1008·4	+ 0·1	308·6	316·5	Apr.28	291·2	279·8	Dec.28	299·9	299·5	+ 0·9	301	-33
728	Khartoum	15 37	32 33	390	965·2	1008·0	- 0·5	310·4	319·7	May 29	295·4	283·9	Dec.28	302·9	303·0	+ 0·3	346	- 3
729	Port Sudan	19 37	37 13	5·5	1009·6	1010·2	+ 0·2	307·0	318·6	July 12,13	297·2	287·5	Feb.20	302·1	301·8	+ 0·8	205	+52
730	Berbera, Somaliland	10 26	45 2	13·8	1007·8	1009·3	- 0·8	306·9	316·9	June 22	299·2	288·0	Dec.14	303·1	302·8	+ 0·2	38	-23
731	Aden	12 49	45 2	29·9	1007·6	1008·0	+ 0·4	305·7	314·7	Aug.9	298·8	290·2	Aug.15	302·3	301·8	+ 1·0	58	+ 8
732	Bombay	18 54	72 49	11·3	1009·0	1010·3	- 0·4	304·0	308·0	June 10	296·8	290·2	Jan.31	300·4	300·0	+ 0·4	2488	+693
733	Kodaikanal	10 14	77 28	2343	771·6	..	+ 0·7	291·5	296·9	Feb.24	284·1	280·2	Jan.,Mar.,Dec.	287·8	287·6	+ 1·6	1795	+217
734	Bangalore	12 58	77 35	921	910·3	1010·5	+ 0·2	303·3	311·9	May 22	291·7	284·7	Jan.9	297·5	296·7	+ 1·1	641	-257
735	Madras	13 4	80 15	6·7	1009·2	1010·0	- 0·3	305·7	315·2	June 10	297·3	290·2	Feb.4,Dec.29	301·5	300·9	+ 0·3	1487	+197
736	Vizagapatam	17 42	83 18	38·4	1005·2	1009·5	0·0	303·3	313·0	June 12	297·2	288·6	Jan.23	300·3	299·7	- 0·3	1205	+261
737	Port Blair	11 40	92 43	18·0	1010·8	1010·3	- 0·1	303·3	308·6	Apr.28	298·2	294·1	Dec.31	300·8	300·2	+ 0·1	2369	-588
738	Rangoon	16 46	96 11	5·5	1012·4	1010·8	0·0	305·7	312·4	Apr.17,18	296·3	290·2	Jan.26,Dec.30	301·0	299·9	+ 0·7	3117	+602
739	Cap St. Jacques	10 20	107 5	180	..	1010·7	..	302·5	308·7	Apr.20	296·6	293·0	Dec.25	299·6	299·2	+ 0·3	991	-308
740	Mentawai	12 15	109 12	3·6	..	1009·6	..	303·5	309·7	Aug.12	296·3	289·9	Nov.9	299·9	299·4	+ 0·2	1036	-419
741	Poulinao	16 23	119 53	2	..	1009·2	+ 0·9	304·8	310·7	May 10	296·9	291·7	Jan.30,Feb.1	300·8	300·6	+ 0·6	2572	-47
742	Vigan	17 34	120 23	12·2	..	1009·1	+ 0·2	304·5	309·0	Apr.25	296·9	290·5	Dec.24	300·7	300·1	0·0	2410	-220
743	Manila	14 35	120 59	14·2	..	1009·9	+ 0·5	305·2	310·5	May 12	296·4	291·4	Feb.19	300·8	300·1	+ 0·5	2951	+920
744	Guimo	11 0	124 36	5·6	..	1008·7	+ 0·3	304·9	308·0	May 30	..	..	..	..	300·0	+ 0·7	2232	-28
745	Guiuan	13 24	144 38	18·6	..	1009·5	+ 0·9	303·7	306·8	June 25	297·6	294·5	Feb.23	300·7	300·8	+ 0·6	2219	-69
746	Agat, Ladrone Is.	15 14	145 46	207	988·1	1008·3	..	301·4	304·4	Sept.9	296·4	293·8	Mar.3	298·9	298·6	..	1706	..
747	Saipan																	
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	297·5	294·1	Jan.1,Feb.26	..	‡302·2	+ 0·3	1852	-288
821	∮Cristobal	9 23	79 54	11·0	..	1010·3	- 0·7	303·3	305·8	5 months	298·1	295·2	Nov.8	300·7	300·1	+ 0·8	3354	+224
822	Bogota	4 36	74 5	2645	747·0	..	+ 1·1	292·3	297·0	Mar.2	283·4	278·4	Jan.27	287·9	287·3	+ 0·4	827	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	El Peru, Guayanavieja	7 19	61 49	220	984·6	1009·1	- 1·5	..	..	..	..	..	..	..	..	+ 0·6	..	..
											295·2	..	..	..	‡296·6			
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·7	- 0·8	303·1	305·2	Apr.16,Jly.11	297·7	294·7	Feb.2,Nov.1	300·4	300·0	+ 0·7	1759	+481
826	Paramaribo	5 49	55 9	3·7	1011·7	1012·1	- 0·8	304·9	308·0	Oct.11	296·1	293·3	Feb.1	300·5	300·1	+ 0·9	2248	+78
826a	Cayenne	4 54	52 21	6	..	..	..	..	..	..	..	..	..	..	..	..	3306	..
833	Konakri	9 31	13 43	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	∮Freetown, Sierra Leone	8 29	13 14	55·0	1005·2	1010·8	+ 0·1	303·1	307·4	Apr.24,25	..	..	..	..	‡300·2	..	3741	+1284
835	∮Assuantsi	5 18	1 15	97·3	999·5	1010·6	..	302·4	307·4	Apr.21	294·7	291·3	Aug.7	298·6	298·1	+ 0·2	1540	+789
836	∮Accra	5 33	W. 0 12	17·7	1009·3	1011·3	- 0·1	303·3	310·8	Feb.7,Mar.2	297·3	293·0	Aug.8,9	300·3	299·9	+ 0·8	..	..
837	Lagos	6 27	E. 3 24	3·0	..	..	..	303·3	308·6	Mar.11	297·6	294·1	Sept.25,30	300·4	300·0	+ 0·3	2122	+867
838	∮Victoria, Nigeria	4 1	9 12	15·5	1009·8	1011·6	..	302·4	309·7	Feb.17	..	288·6	Feb.8	..	..	..	1633	+496
839	Yola	9 12	12 30	259	..	..	..	..	315·8	Apr.4	..	..	..	..	‡300·9	+ 0·7	851	..
841	Wau	7 42	28 3	440	959·4	1007·9	- 0·6	308·7	316·0	Mar.10	294·5	288·0	Dec.27	301·6	300·5	+ 1·4	1086	-186
843	Malakal (Kodok)	9 35	31 37	394	965·1	1008·7	- 0·3	308·8	315·7	Apr.8	295·0	287·0	Jan.22	301·9	300·7	+ 1·2	720	..
843a	Juba	4 53	31 35	475	956·0	1008·6	..	307·8	316·0	Feb.10	..	..	..	..	299·4	+ 0·6	1080	+60
844	Entebbe	0 5	32 29	1171	..	..	..	299·3	303·0	Feb.6,9,19	290·8	288·0	Jan.9,Dec.29	295·1	..	..	1732	..
844a	Kampala (Kololo Hill)	0 20	32 36	1310	..	..	..	..	..	..	..	..	..	..	..	..	493	..
845	Sheikh	9 55	45 15	1463	..	..	..	299·0	305·8	June 23	287·2	274·7	Dec.16	293·1	292·4	..	..	..
851	Minicoy	8 18	73 0	2·7	1011·0	1011·4	- 0·2	303·8	307·4	Apr.25,May 9	298·4	294·7	Aug.11	301·1	300·5	..	1595	..
851a	Cochin	9 58	76 14	2·7	1011·3	1011·7	+ 0·2	303·1	306·3	Jan.13,Apn20,29	297·5	293·0	Dec.31	300·3	299·7	- 0·1	3307	+968
852	∮Colombo Observatory	6 54	79 52	7·3	..	1010·1	+ 0·6	303·2	306·4	Feb.3	297·1	292·9	Jan.26	300·1	299·3	- 0·1	2702	+1
853	∮Nuwara Eliya	6 58	80 46	1881	813·9	1011·9	+ 0·4	293·3	298·1	May 21	283·9	272·7	Jan.31st	288·6	287·8	+ 0·5	2951	+1
854	∮Trincomalee	8 35	81 15	30·2	..	1008·4	+ 0·3	304·1	309·2	Sept.29,Oct.9	297·9	294·2	May 15	301·0	300·4	+ 0·5	1854	+78
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	2163	+1
856	Medan	3 35	98 41	25·0	..	1009·8	- 0·1	303·9	308·1	May 17	295·9	293·1	Jan.28	299·9	299·3	+ 0·7	2931	+1
857	Butterworth	5 25	100 22	2·1	..	..	..	304·3	308·6	Feb.28	296·6	294·1	Jan.19,Dec.26	300·5	300·0	..	2029	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·5	0·0	304·1	307·4	Mar.,Apr.,May	296·9	294·1	Sept.29	300·6	299·6	..	2557	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·2	306·9	Aug.18,25	297·0	295·2	June 15	300·6	300·8	+ 0·2	2373	+1
860	Iwahig	9 44	118 38	14·3	..	1008·3	+ 0·2	305·0	308·4	June 5	295·5	291·1	Mar.6	300·3	299·9	+ 0·7	1527	-1
861	Tagbilaran	9 38	123 51	21·3	..	1009·1	+ 0·4	305·1	308·4	Apr.26,Aug.25	296·7	291·7	Feb.26	300·9	300·1	+ 0·4	1336	+1
861a	Menado	1 30	124 50	8·5	..	..	..	303·6	307·8	Aug.24	295·9	291·6	Apr.8	299·7	299·3	+ 0·1	2435	+1
862	Surigao	9 48	125 29	6·0	..	1009·5	+ 0·7	303·5	307·6	June 9	297·1	293·2	Mar.24	300·3	299·9	+ 0·3	2696	+1
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·1	+ 1·3	303·0	306·1	May 24	298·0	295·5	Feb.10	300·5	300·1	+ 0·2	3002	+1
864	Palau	7 20	134 29	31·8	1006·3	1009·9	+ 0·5	302·9	304·8	June 9,24	297·3	293·8	July 9	300·1	300·0	+ 0·2	3498	+1
867	Ponape	6 58	158 13	38·9	1005·4	1009·8	..	302·7	305·0	Oct.25	296·7	293·4	Sept.2	299·7	299·6	..	3524	+1

YEAR - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1009·7	..	302·9	305·4	Mar.18	299·0	296·0	Aug.6	301·0	300·2	..	3909	..
920	Lambayeque	6 46	80 55	15	1010·5	1012·2	..	301·4	307·2	Mar.28	292·0	285·5	Nov.20	296·7	295·7	..	43	..
921	Quito	0 14	78 30	2816	728·1	..	+ 0·3	294·8	300·1	Oct.12	281·2	274·1	Nov.5	288·0	286·4	..	1178	..
923	Senna Madureira	9 4	68 40	135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
923a	S. Gabriel do Rio Negro	0 8	67 5	85·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
926	Taperinha	2 30	54 20	21·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
927	Turyassu	1 43	45 26	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
928	Barra do Corda	5 30	45 16	81·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207	..	..	..	..	..	..	..	..	..	..	..	..	..	..
930	Fernando Noronha	3 50	32 25	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..
934	∮Ascension Island	7 56	W. 14 25	16·8	..	..	..	301·9	305·8	Feb.12	..	292·4	Sept. 12, Dec. 27, 31	..	298·1	0·0	112	..
939	Loanda	8 49	E. 13 13	59·3	..	1011·7	- 0·8	300·0	306·8	Apr.3	294·9	288·5	Aug.7	297·5	297·0	+ 0·5	2247	..
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	1820	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·2	298·3	Aug.	283·9	279·3	Aug.	289·1	289·6	..	..	..
943	Masaka	0 20	31 44	1280	..	..	..	..	305·8	Feb.10	..	..	..	..	..	..	1135	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·7	1014·3	..	295·8	302·0	Feb.20	285·7	280·5	Aug.10	290·7	289·9	..	1342	..
944a	Zanzibar (Town)	6 10	39 12	17·1	1013·0	1015·0	- 0·1	302·5	306·9	Feb.21	298·1	295·2	Jun.8,14,Sept.11	300·3	299·7	+ 0·5	2430	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	20	..	..	..	..	..	..	..	293·4	Sept.1	..	..	0·0	..	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·4	1011·8	- 0·1	301·9	305·2	Apr.19	296·7	294·1	Nov.9,Dec.22	299·3	298·6	..	2062	..
957	∮Padang	0 56	100 22	6·7	..	1010·5	0·0	..	..	..	..	..	..	..	..	..	1774	..
958	Batavia	6 11	106 50	8·0	1009·1	1010·0	+ 0·1	304·1	306·9	Oct.25	296·9	292·9	Nov.14	300·5	299·9	+ 0·7	2042	..
958a	∮Pontianak	0 1	109 20	2·6	..	1010·1	+ 0·2	305·0	308·2	Aug.31	297·4	295·2	Aug.11	301·2	300·3	+ 0·8	2441	..
959	Pasuruan	7 38	112 55	5·0	..	1009·9	0·0	305·2	308·1	Oct.6	296·4	291·1	July 16	300·8	300·4	..	2894	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	2214	..
962	Amboina	3 42	128 10	4·2	..	1009·7	+ 0·2	303·4	308·5	Feb.1	297·6	292·3	Aug.14	300·5	300·0	+ 1·0	2401	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	776	..
965	Daru	9 4	143 13	7·6	..	..	..	302·9	..	..	297·4	..	..	300·1	299·7	+ 0·5	..	..
966	Port Moresby	9 29	147 9	38·4	..	..	..	..	..	..	295·9	..	..	..	‡301·1	+ 0·3	2029	..
967	Rabaul	4 9	152 12	12·5	1007·5	1009·0	+ 0·5	305·9	310·6	Oct.28	296·1	294·2	Sept.14	301·0	300·4	+ 0·5	2557	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	?306·9	Jan.1	294·9	295·2	Dec.12	..	‡301·2	+ 0·2	2850	..
970	Ocean Island	0 52	169 35	42·6	1004·9	1009·8	- 0·2	304·5	307·4	Sept.7,Dec.3	298·6	296·3	Jan.30,Mar.11	301·6	300·9	+ 0·6	2278	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

YEAR - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Nuku	18 39	173 59	9·1	1009·2	1010·2	..	300·4	305·2	May 29	295·5	289·1	July 24	297·9	..	..	1408	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·9	- 0·2	302·6	304·8	Apr.1	296·3	291·9	July 17	299·5	299·2	- 0·1	3111	+324
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1013·5	+ 0·5	301·2	305·2	Jan.24,Feb.1	293·9	287·4	June 26,Jly.28	297·6	297·4	- 0·3	1065	-966
1020	Lima	12 5	77 3	111	1000·2	1013·2	..	296·6	305·2	Mar.4	289·1	283·8	June 22	292·9	291·8	..	46	..
1021	Arica	18 28	70 20	5	..	..	..	..	..	..	..	..	..	..	..	..	0	- 1
1022	La Paz, Bolivia	16 30	68 8	3658	658·0	..	0·0	291·4	297·8	Nov.3	277·4	271·6	June 26	284·4	283·1	+ 0·6	636	+44
1023	Corumba	18 59	57 39	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1024	Cuyaba	15 36	56 6	165	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Bello Horizonte	19 56	43 56	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Castite	14 3	42 37	897	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1027	Conita (Bahia)	13 0	38 31	46·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1028	Aracaju	10 55	37 3	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1029	Sgt. Helena	15 57	W. 5 40	579	948·0	1015·1	+ 0·5	290·8	295·8	Feb.9,26	287·1	283·6	Oct.3	288·9	289·0	0·0	762	- 1
1030	Mossamedes	15 12	E. 12 9	12·5	1012·5	1014·0	..	..	306·6	June 18	..	282·4	Aug.7	..	..	..	33	-30
1031	Livingstone	17 51	25 51	972	907·4	1012·9	..	304·7	313·6	Oct.7	288·8	275·2	July 8	296·7	..	+ 0·9	568	-181
1032	Elisabethville	11 39	27 28	1230	..	..	..	301·5	308·7	Oct.8	286·1	275·8	June 12	293·8	..	+ 0·3	1298	+143
1033	Dwelo	19 26	29 45	1411	864·3	1015·9	..	298·9	307·4	Sept.20,24,25,Oct.7	285·2	274·1	June 12	292·1	..	+ 0·4	471	-190
1034	Salisbury (Dept.Agric.)	17 48	31 5	1489	855·2	1014·7	+ 0·6	298·4	306·4	Oct.8	285·8	275·9	June 11	292·1	291·4	+ 0·6	716	-85
1035	Zomba	15 23	35 18	955	907·8	1011·7	- 0·3	298·9	307·4	Nov.4	289·3	281·3	Jly.16,Sept.11	294·1	293·4	+ 0·3	1446	+60
1036	Mossurril	14 57	40 40	15	..	1014·8	..	303·6	308·9	Oct.8	294·2	288·0	July 7	298·9	298·8	..	1304	..
1037	Antenanarivo	18 55	47 33	1375	865·8	1014·4	+ 0·1	298·0	304·6	Sept.26	286·5	279·2	Aug.24,Sept.1	292·3	290·7	+ 0·2	1606	+250
1060	Cocos, Keeling Is.	12 5	96 53	4·6	1010·9	1011·6	- 0·6	302·6	306·4	Mar.6	298·2	295·4	Nov.9	300·4	300·0	+ 0·5	1711	-301
1077	∮Christmas Island	10 25	105 43	5·5	1008·4	1009·1	+ 0·3	303·3	306·3	Apr.21,Dec.22	297·4	294·7	Sept.28	300·3	299·9	+ 0·2	2307	+221
1201	Kupang	10 10	123 34	45·1	..	1010·7	+ 0·4	306·0	310·8	Oct.24	296·3	290·1	July 11	301·1	300·5	+ 1·1	859	-584
1202	Derby	17 18	123 40	16·2	1009·8	1011·6	+ 0·3	307·1	316·3	Dec.23	295·5	283·1	July 17	301·3	..	+ 0·8	842	+186
1203	Hill's Creek	18 13	127 46	373	970·6	1011·8	+ 0·2	306·7	315·2	Dec.14,15	291·4	275·8	Aug.25	299·1	298·5	+ 0·5	301	-230
1204	Darwin	12 28	130 51	29·6	1006·7	1010·0	+ 0·5	305·9	311·0	Dec.13	297·1	288·6	Aug.24	301·5	300·4	+ 0·4	1270	-264
1205	Daly Waters	16 16	133 23	211	986·9	1010·4	+ 0·3	308·3	316·9	Jan.6,Dec.13	293·1	278·0	Aug.26	300·7	300·1	+ 0·8	533	-139
1206	Palmerville	15 56	144 8	210	987·1	1010·6	+ 0·4	306·4	313·0	Jan.3	292·2	278·7	July 6	299·3	..	+ 0·6	903	-159
1207	Georgetown, Queensland	18 22	143 32	302	978·6	1012·3	+ 0·5	306·5	314·9	Jan.4	292·6	277·4	July 7	299·6	..	+ 1·4	541	-266
1208	Willis Island	16 18	149 59	8·5	1010·6	1011·7	+ 0·3	301·8	306·1	Jan.7	297·1	293·3	Aug.26,Sept.1	299·4	299·5	+ 0·5	974	-119
1209	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	297·2	..	..	..	..	..	1547	-1177
1211	Suva, Fiji	18 8	178 26	6·1	1011·2	1011·9	+ 0·6	300·9	305·8	Dec.30,31	295·4	289·7	Aug.29	298·2	298·0	+ 0·2	3114	+139
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

YEAR - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1401	Nukualofa, Tonga	21 8	175 12	3·0	1014·5	1014·8	..	300·1	305·8	Feb.17	292·2	283·6	Sept.22	296·2	..	..	..	..
1402	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	299·9	304·1	Jan.10	..	284·7	July 2	..	‡297·6	..	1578	-495
1403	Punta Tortuga, Coquimbo	29 55	71 22	25	1013·0	1015·8	- 0·3	290·9	297·8	Feb.27	285·4	278·8	July 27	288·1	287·9	+ 0·2	104	-21
1404	Antofagasta	23 42	70 24	94	1002·4	1013·5	- 2·9	293·6	299·5	Dec.21	286·7	279·5	July 27	290·1	289·8	- 0·1	4	- 9
1405	Caldera	28 29	65 47	528	..	..	..	..	..	..	..	273·0	July 4,5,6	..	..	..	571	+218
1406	Goya	24 46	65 24	1173	883·0	1011·8	+ 0·4	297·0	308·6	Oct.4	282·5	267·1	Aug.1	289·8	289·5	- 1·1	801	+93
1407	Asuncion	29 9	59 15	37	1010·5	1014·8	+ 1·6	299·3	312·5	Nov.29	287·3	273·0	July 30,31	293·3	292·7	- 0·2	1205	+135
1408	Curityba	25 17	57 41	139	1000·3	1016·4	+ 3·8	301·3	312·3	Jan.25	290·9	275·2	July 31	296·1	295·3	- 0·3	1401	+16
1409	Rio de Janeiro	25 25	49 17	908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1410	∮Windhoek	22 54	W. 43 10	18·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1411	∮Durban	22 34	E. 17 6	1727	831·7	1013·8	..	298·7	307·6	Feb.28	285·3	270·4	July 6	292·0	291·3	- 0·1	..	..
1412	∮Kimberley	29 36	17 52	933	912·5	1017·4	+ 0·5	297·6	312·3	Feb.13	..	272·6	July 18	..	‡288·7	..	108	-62
1413	Bothensburg	28 44	24 46	1218	882·4	1015·8	+ 0·7	298·6	309·7	Oct.18	284·3	270·8	Sept.8	291·5	290·9	+ 0·2	431	+21
1414	Bulawayo	26 11	28 4	1806	825·2	1017·2	+ 0·3	294·7	304·1	Sept.24	283·2	268·8	Sept.8	288·9	288·5	+ 0·5	745	-99
1415	Durban	20 9	28 35	1349	..	..	..	299·6	308·6	Sept.25	285·6	274·4	July 3	292·6	292·1	+ 0·5	348	-256
1416	Lourenço Marques	29 52	31 3	15·2	1016·6	1018·4	- 0·5	297·7	305·1	Feb.7	291·0	282·4	June 29	294·3	293·8	+ 0·4	1108	+25
1417	∮Mauritius	25 58	32 36	59·5	..	1017·7	+ 0·4	300·6	318·4	Sept.24	291·0	282·2	June 26	295·8	295·2	+ 0·2	498	-296
		20 6	57 33	55·2	1009·7	1016·1	0·0	300·1	304·6	Jan.22	293·2	287·0	Aug.21,Sept.14	296·7	296·3	+ 0·3	2130	+866
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43 S.	114 57 E.	4·3	1011·5	1011·9	+ 0·4	303·2	319·1	Dec.12	290·8	278·8	Sept.3	297·0	..	- 0·5	250	+18
1160	Cue	27 27	117 52	454	963·1	1014·4	+ 0·8	300·1	315·2	Dec.14	287·3	273·9	June 24	293·7	..	- 0·8	315	+87
1161	Nullagine	21 53	120 5	386	..	..	..	304·5	317·4	Dec.30	288·6	272·7	Aug.24	296·6	..	- 0·9	387	+218
1162	Laverton	28 40	122 23	466	963·3	1016·2	+ 1·0	298·4	315·8	Feb.11	285·1	271·8	June 18	291·8	291·7	- 1·4	429	+233
1163	Alice Springs	23 38	133 37	587	948·5	1014·0	+ 0·9	300·7	316·3	Jan.13	285·9	271·9	July 14,16	293·3	293·3	- 0·6	161	-142
1164	William Creek	28 55	136 21	76·2	1008·2	1016·9	+ 1·4	299·7	317·4	Dec.30	285·3	273·7	July 31	292·5	292·2	- 0·8	92	-20
1164a	Boulia	22 55	139 38	146	995·6	1012·1	+ 0·4	305·0	319·0	Jan.7	289·6	274·8	July 7	297·3	297·3	- 0·6	195	+34
1165	Thargomindah	27 58	143 43	123	1000·4	1014·5	+ 0·6	300·1	315·1	Jan.8	287·9	274·7	July 17	294·0	293·7	+ 0·4	306	- 2
1166	Mitchell	26 32	147 52	336	977·0	1015·4	+ 1·0	300·1	314·8	Jan.13	285·2	269·7	July 17	292·7	..	..	602	-174
1167	Rockhampton	23 24	150 30	11·3	1013·5	1014·9	+ 0·4	301·9	313·1	Jan.12	290·8	278·2	July 9	296·4	295·7	+ 0·6	818	+344
1168	Brisbane	27 28	153 2	41·8	1012·2	1016·7	+ 0·8	298·5	310·9	Jan.11	288·8	278·4	July 17	293·7	293·1	+ 0·2	1694	+744
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1017·5	1019·4	+ 3·0	295·1	304·7	Jan.11	290·3	282·7	Aug.4	292·7	292·3	+ 0·5	1153	+284

YEAR - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	◊Juan Fernandez	33 37 S.	78 52 W.	6	1018·9	1019·6	+ 0·5	291·5	299·0	Mar.6	286·4	279·0	Sept.9,11	288·9	288·7	+ 0·3	936	-38
1221a	Punta Tumbes	36 37	73 6	120	1002·0	1016·5	+ 0·4	288·4	298·8	Mar.9	282·6	275·2	July 28	285·5	285·2	0·0	987	+70
1222	◊Punta Angeles, Valparaiso	33 1	71 38	41	1011·4	1016·3	+ 0·1	292·5	304·5	Dec.8	284·0	277·3	July 26	288·3	287·8	+ 0·5	470	-446
1222a	Santiago	33 27	70 42	520	955·5	1015·9	+ 0·5	294·5	306·6	Dec.8	281·7	271·0	July 5	288·1	287·2	+ 0·4	321	-609
1223	Cordoba	31 25	64 12	423	965·5	1014·5	+ 1·1	296·7	311·0	Nov.29	282·5	268·4	Aug.8	289·6	289·2	- 0·7	913	+402
1224	Bahia Blanca	38 45	62 16	28·7	1011·8	1015·2	+ 0·9	294·7	315·1	Dec.15	282·6	268·8	June 14	288·6	288·4	0·0	563	-46
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·5	1016·5	+ 1·0	294·5	311·0	Feb.28	284·0	270·2	July 28	289·5	289·1	0·0	855	- 7
1226	Montevideo (Prado)	34 52	56 12	24·9	1014·3	1017·7	+ 2·5	293·7	311·0	Mar.1,2	283·7	269·7	July 31	288·7	288·6	- 0·7	970	+ 1
1226a	Porto Alegre	30 2	W. 51 13	23·5	1013·3	1016·1	+ 0·5	297·0	310·6	Mar.6	287·4	273·9	June 30	292·2	291·9	- 0·2	1235	+259
1239	Cape Town	33 56	E. 18 29	12·2	1016·8	1018·3	+ 1·6	295·3	311·8	Nov.16	285·7	273·6	June 29	290·5	289·1	+ 0·7	481	-252
1240	◊Danger Point	34 37	19 18	27·7	..	..	..	291·7	304·7	Sept.28	285·4	276·9	May 25,Jun.28	288·5	..	- 0·3	269	-258
1240a	Klaver	31 47	18 47	41·8	1014·0	1019·0	+ 0·1	299·1	314·7	Mar.18	284·9	274·8	June 27	292·0	..	- 0·6	187	-338
1241	◊Riversdale	34 6	21 16	105	..	..	..	297·7	314·0	Nov.16	282·1	269·9	June 29	289·9	..	- 0·3	437	+204
1242	East London	33 1	27 54	45·4	1012·8	1018·2	+ 1·1	295·8	308·0	May 21	287·3	276·9	Sept.8	291·5	..	+ 0·3	807	+211
1259	Perth (Observatory)	31 57	115 51	60·0	1010·1	1017·2	+ 0·7	296·1	313·2	Jan.27	285·9	275·9	June 11	291·0	290·8	+ 0·1	997	+334
1260	Katanning	33 42	117 35	310	980·7	1016·9	+ 0·8	294·9	312·1	Dec.6	282·3	270·9	June 21	288·6	..	+ 0·1	480	-183
1261	Coolgardie	30 57	121 10	423	..	..	..	297·2	313·6	Jan.,Feb.,Dec.	283·4	272·8	June 18	290·3	290·2	- 0·8	243	- 5
1262	Eucla	31 45	128 58	4·6	1016·4	1017·0	+ 0·6	294·3	315·8	Dec.16	284·3	272·4	Sept.7	289·3	288·8	- 1·1	248	+76
1263	Streaky Bay	32 48	134 13	13·1	1016·7	1018·1	+ 1·0	294·9	316·1	Dec.28	284·7	275·2	July 6	289·8	289·2	- 0·5	407	+164
1264	◊Adelaide	34 56	138 35	42·7	1012·6	1017·7	+ 0·6	295·2	318·9	Dec.29	284·4	276·1	July 6	289·8	289·5	- 0·4	561	+280
1265	Melbourne	37 49	144 58	35·1	1012·3	1016·5	+ 0·2	292·1	313·2	Dec.30	282·4	273·3	June 17	287·3	287·0	- 0·4	726	+281
1266	Bourke	30 13	145 58	110	1005·4	1018·2	+ 1·2	299·7	316·9	Jan.17	285·3	274·7	Aug.25	292·5	..	- 1·2	427	- 1
1267	Sydney	33 51	151 13	42·1	1011·1	1016·0	+ 0·2	294·6	313·1	Feb.20	286·4	276·3	July 15	290·5	289·9	+ 0·2	1250	+484
1268	Lord Howe Island	31 20	159 0	4·9	1016·7	1017·3	+ 0·8	295·4	301·9	Jan.14	289·8	279·0	July 16	292·6	..	+ 0·5	2020	+1021
1271	Auckland	36 51	174 48	40·8	..	1016·9	+ 1·6	291·0	300·2	Jan.18	284·6	275·8	Aug. 8	287·8	..	- 0·3	1249	+444
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	..	..	..	..	271·6	June 9	..	..	..	..	..

YEAR - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	◊Chatham Island	43 52 S.	176 42 W.	45·7	..	1011·7	+ 1·5	..	..	..	..	..	..	..	..	..	794	-260
1321	Isla Guafo	43 34	74 45	140	999·0	1016·0	+ 0·8	284·6	292·5	Nov.20	281·1	274·9	Aug.30	282·9	282·8	+ 0·3	1171	+277
1322	Punta Galera	40 1	73 44	40	1011·9	1016·8	+ 0·6	287·0	297·8	Jan.10	281·7	273·0	July 29	284·3	284·3	+ 0·1	1484	+581
1323	Sarmiento	45 33	69 1	272	979·7	1012·3	+ 1·7	290·0	306·2	Mar.10	278·0	261·8	May 15	284·0	283·6	+ 0·1	94	-142
1324	Puerto Madryn	42 46	W. 65 2	14	1012·1	1013·8	+ 2·1	292·8	309·7	Feb.13	279·7	264·7	June 14	286·2	286·6	+ 0·1	235	-207
1365	Launceston	41 27	E.147 10	81·1	1003·9	1013·6	+ 0·6	290·9	304·1	Jan.29	280·0	269·7	July 14	285·4	284·6	+ 0·1	997	+...
1366	Hobart	42 53	147 20	53·9	1005·3	1011·8	- 0·5	289·1	303·0	Jan.29	281·0	272·1	July 10	285·1	284·3	- 0·3	689	-...
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·3	299·7	Jan.,Feb.,Nov.	278·1	266·3	July 10	282·7	..	- 0·3	1077	+...
1370	Alexandra	45 15	169 24	159	..	..	..	288·4	302·7	Dec.16	277·1	264·4	July 12	282·8	..	..	837	-...
1371	Dunedin	45 52	170 31	6·1	..	1011·8	- 0·3	287·7	300·7	Nov.19	278·9	271·3	June 19,20	283·3	..	- 0·1	452	-...
1371a	Christchurch	43 32	172 39	7·6	..	1012·4	+ 0·3	288·8	303·7	Jan.18	278·9	268·3	June 8	283·9	..	- 0·5	1003	+...
1372	Wellington	41 16	174 46	128	..	1014·3	+ 0·3	287·6	296·4	Dec.14,15	281·6	273·1	Aug.7	284·6	284·1	- 1·4		

YEAR - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islote de los Evangelistas	52 24 S.	75 6 W.	55	998·6	1005·3	+ 2·6	281·6	288·4	Feb.9	277·6	270·0	Sept.8	279·6	279·8	+ 0·6	2006	+...
1422	Magallanes	53 10	70 54	28	1000·9	1004·3	+ 2·2	283·3	294·0	Feb.14	276·8	267·0	Sept.8	280·1	280·0	+ 0·6	264	-...
1423	Punta Dungeness	52 24	68 26	5	1003·1	1003·7	+ 2·2	283·6	293·4	Jan.25	..	268·0	July 26	..	..	..	227	-...
1424	Santa Cruz	50 1	68 31	13	..	..	..	..	..	..	..	266·6	July 11	..	..	..	217	-...
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1004·2	+ 1·7	282·2	291·3	Jan.7	274·7	262·4	Sept.13	278·4	..	- 0·3	682	+...
1426	Cape Pembroke	51 41	57 42	21·3	1001·4	1004·0	+ 2·0	281·7	290·8	Mar.1,3	275·7	266·9	Sept.11	278·7	279·1	+ 0·1	..	+...
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	996·9	997·4	+ 0·6	277·8	288·2	Apr.6	271·9	263·2	Apr.27	274·9	274·6	- 0·1	1430	+...

YEAR - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43 S.	44 47 W.	7	992·8	993·7	+ 1·0	271·8	282·0	Feb.15	265·1	239·6	June 8	268·4	268·5	0·0	442	+...
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, 1931

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1931, AND THE PERIOD OF THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULAE FOR MEANS, ETC.

Between Latitude 90°N. and 80°N. P = Barometric Pressure T = (M+m) Temperature ℣ = True Mean Temperature R = Precipitation ZONE 0.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1427	Calm Bay	Leningrad, Trans. Arctic Inst., Vol. LXXIX, 1937.	..	e P, ℣ = ⅓(7+13+21).

Between Latitude 80°N. and 70°N. ZONE 1.

101	Wrangell Island	MS. data supplied by Centr. Geophys. Obs., Leningrad.	P, ℣, 10 yrs., 1926-36. R, 10 yrs.,1927-36.	e P, ℣ = ⅓(7+13+21).
105	Barrow	Washington, D.C., U.S. Dept. Agric., Climat. Data, Alaska Section, 1931.	P, 1921-30. T, R, 10 yrs., 1917-30.	c P = ½(2+14).
121	Pond Inlet	Toronto, Meteor. Service Monthly Record Meteor. Obs., 1931.	..	n P = ½(8+20). ℣ = ¼(8+20+M+m).
125	Upernivik	Copenhagen, Danske Meteor.Aarbog,1931.	P, 1874-1920. ℣, R, 1873-1920.	e P = ⅓(8+14+21). ℣ = ⅓[2(8+14)+5x21]. 45° W. meridian time.
131	Myggbukta	Oslo, Jarhb. Norweg. Meteor. Inst., 1932.	..	eklw P = ⅓(8+14+19). ℣ derived from ½(2+8+14+19).
135	Scoresbysund	See No. 125.	..	e P = ⅓(8+14+21). ℣ = ⅓[2(8+14)+5x21]. 30° W. meridian time.
139	Jan Mayen	See No. 131.	P, ℣, R, 10 yrs., 1921-31.	cek P = ½(2+8+14+19). ℣ = n - k (n-min.) where n is the mean of the three fixed daily observations and k is a factor varying with the station and month.
140	Svalbard Radio (Spitsbergen)	Do.	P, 1912-26.	ce P = ½(8+14+19). ℣ = mean of bi-hourly observations. Absolute maxima taken from bi-hourly readings.
141	Björnöen	Do.	P, ℣, R, 1920-34.	cek P = ⅓(8+14+19). ℣, see Jan Mayen, No. 135.
142	Ingöy	Oslo, Jarhb. Norweg. Meteor. Inst., 1931.	P, ℣, R, 1922-36.	ekw P = ⅓(8+13½+19). ℣, see Jan Mayen, No. 135.
143	Sletnes	Do. do.	P, 25 yrs., 1898-1923.	ek P = ⅓(8+14+19). ℣, see Jan Mayen, No. 135.
145	Vardö	Do. do.	P, 1861-1930. ℣, 1841-1930. R, 1876-1925.	ekw P = ⅓(7½+13+18). ℣, see Jan Mayen, No. 135.
147	Malye Karmakouly	Leningrad, Trans. Arctic Inst., Vol. LXXIX, 1937.	P, 29 yrs., 1896-1934. ℣, 39 yrs.,1876-1928. R, 24 yrs., 1896-1935.	e P = ⅓(7+13+21). ℣ derived from these hours.
149	Vaigatch	Leningrad, Trans. Arctic Inst., Vol. LXXIII, 1937.	P, 18 yrs., 1914-34. ℣, 20 yrs. 1914-35. R, 19 yrs., 1914-35.	e Do. do.
149	Cape of Desire(Zhelanya)	See No. 147.	..	e P, ℣ = ⅓(7+13+21).
149	Dikson	Leningrad, Trans. Arctic Inst., Vol. XLVI, 1936.	P, ℣, R, 17 yrs., 1916-34.	e P = ⅓(7+13+21). ℣ derived from these hours.
162	Bouloune	MS. data supplied by U.S.S.R. Centr. Weather Inst., Moscow.	P, 10 yrs., 1914-17; '25-33. ℣, 16 yrs., 1909-16; '25-36.	e Do. do.

Between Latitude 70°N. and 60°N. ZONE 2.

201	Frobrajenye	..	..	..
202	Savoonga	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1931.	..	..
203	Nome	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1931 and Rep. Chief of Weather Bureau, 1931-2.	P, 15 yrs., 1918-33. T, R, 19 yrs.	cq P, ℣ = ½(1+13).
204	Bethel	See No. 202.	P, 10 yrs., 1923-34. T, R, 10 yrs.,1923-33.	c P = ⅓(1+13).
205	Nanana	See No. 203.	P, 1918-32. T, R, 25 yrs.	cq P, ℣ = ½(1½+13).
207	Nampart	See No. 202.	T, R, 19 yrs.	..
208	Valdez	Do.	..	..
209	Eagle	See No. 203.	P, 1917-31. T, 25 yrs., 1882-1926. R, 35 yrs., 1882-1933.	cq P, ℣ (Jan.to Apr.) = ½(3+15). P,℣ (May to Dec.) = ½(2½+14½).
210	Dawson	Toronto, Meteor. Service, Monthly Record Meteor. Obs., 1931.	T, R, 1897-1926.	en P = ⅓(8+20). ℣ = ¼(8+20+M+m).
211	Aklavik	Do. do.	..	en Do. do.
212	Fort Good Hope	Do. do.	T, 1908-28. R, 1898-1932.	en Do. do.
213	Fort Simpson	Do. do.	T, R, 1897-1927.	en Do. do.
214	Hay River	Do. do.	T, R, 1893-1928.	en Do. do.
215	Coppermine	Do. do.	..	en Do. do.
216	Chesterfield	Do. do.	T, 11 yrs., 1921-32.	en Do. do.
217	Nottingham Island	Do. do.	..	en Do. do.
218	Resolution Island	Do. do.	..	en Do. do.
219	Hope's Advance	Do. do.	..	en Do. do.
220	Jacobshavn	Copenhagen, Danske Meteor.Aarbog,1931.	P, ℣, R, 1873-1920.	ce P = ⅓(8+14+21). ℣ = ⅓[2(8+14)+5x21].
221	Godthaab	Do. do.	℣, 1875-1920. R, 1873-1917.	c ℣ = ⅓[2(8+14)+5 x 21].
222	Ivigtut	Do. do.	P, 1878-1920. ℣, 1879-1920. R, 1875-1920.	ce P = ⅓(8+14+21). ℣ = ⅓[2(8+14)+5x21].
223	Angmagsalik	Do. do.	P, ℣, 35 yrs., 1894-1930. R,35yrs.,1897-1933.	ce Do. do.
224	Stykkisholm	Reykjavik, Månadaryfirlit á vedurstofunni, 1931.	P, 1845-1923. ℣, 1846-1900. R, 1856-1923.	c Do. do.
225	Westmanno	Do. do.	P, 1881-1923. ℣, 1878-1916. R, 1880-1923.	c Do. do.
226	Grimsey	Do. do.	P, 1874-1918; '20-23. ℣, 1875-1916. R, 42 yrs., 1874-1923.	c Do. do.
230	Akureyri	Do. do.	P, 1874-1918; '20-23. ℣, 1920-34.	c Do. do.
231	Teigarhorn	Do. do.	P, 1872-1923. ℣, 1873-1916. R, 1873-1923.	c Do. do.
232	Hjalvig	See No. 225.	P, 1872-1920. T, R, 1873-1922.	ce P = ⅓(8+14+21). ℣ = ¼(8+14+2x21).
234	Berwick	London, Monthly Weather Rep. Meteor. Office, 1931.	P, 1871-1915. T, R, 1881-1915.	c P, ℣ = ¼(1+7+13+18).
237	Bergen, Fredriksberg	Oslo, Jahrb. Norweg. Metsor. Inst., 1931 and MS. data.	P,(1860-1926). ℣, 1904-28. R, 1765-70; 1861-1921.	ew P = ⅓(8+14+19). ℣, see Jan Mayen, No.135.

ZONE 2-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
238	Aalesund	Oslo, Jahrb. Norweg. Meteor. Inst., 1931.	P,(1851-1900). ℭ, 1861-1920. R, 43 yrs., 1867-1926.	ekw P = ¼(8+14+19). ℭ, see Jan Mayen, No.135.
239	Trondheim	See No. 237.	P, 1874-1913. ℭ, 1861-1920. R, 1876-1925.	ce Do. do.
240	Bodŏ	See No. 238.	P, R, 1868-1920. ℭ, 1861-1920.	cek Do. do.
241	Haparanda	Stockholm, Statens Meteor.-Hydrogr. Anstalt, Arsbok XIII, 1931.	P, 1860-1920. ℭ, 1859-1920. R, 1860-1924.	ew P = ¼(8+14+21). ℭ derived from these hours.
242	Helsingfors	Helsingfors, Jahrb. Meteor. Zentral-Anst., Pt. I, 1931.	P, 1882-1920. ℭ, 1829-1923. R, 1844-1924.	ce P = mean of 24 hrs. ℭ derived from ¼(7+15+2x21).
242a	Kuopio	Do. do.	P, 1884-1928. ℭ, 35 yrs., 1884-1919. R, 1886-1920.	ce P = ¼(7+15+21). ℭ derived from ¼(7+15+2x21).
243	Kola	..	..	..
244	Petrozavodsk	..	..	..
249a	Yugor Strait	Leningrad, Trans. Arctic Inst., Vol. LXXIII, 1937.	P, 20 yrs., 1913-34. ℭ, 22 yrs., 1913-35. R, 20 yrs., 1913-35.	e P, ℭ = ¼(7+13+21).
245	Arkhangelsk	..	..	..
246	Mezen	..	..	..
247	Oust-Tsylma	..	..	..
248	Tcherdyn	..	..	..
249	Berezov	..	..	..
250	Obdorsk	..	..	..
251	New Port	..	..	..
252	Sourgout	..	..	..
253	Doudinka	..	..	..
254	Touroukhansk	..	..	..
261	Viliouisk	MS. data supplied by U.S.S.R. Centr. Weather Inst., Moscow.	ℭ, 1898-1922. R, 25 yrs., 1898-1923.	P = ¼(7+13+21). ℭ derived from these hours.
262	Iakoutsk	Do. do.	P, 33 yrs., 1888-1926. ℭ, 35 yrs.,1888-1924. R, 35 yrs., 1837-1918.	Do. do.
263	Verkhoiansk	Do. do.	P, 15 yrs., 1901-20. ℭ, 35 yrs., 1883-1928. R, 25 yrs., 1886-1916.	Do. do.
264	Petropavlovskoe	..	..	..
268	Naiakhan	..	..	..
271	Novo Mariinskii Post	..	..	..

ZONE 3.

Table showing the Authorities for the Meteorology of the Globe between Latitude 60°N. and 50°N.

302	St. Paul Island	Washington, D.C., U.S. Dept. Agric., Climat. Data, Alaska Section, 1931.	P, 1917-32. T, 15 yrs. R, 23 yrs.	c P = ½(1+13).
303	Dutch Harbor	Washington, D.C., U.S. Dept. Agric., Climat. Data, Alaska Section, 1931 and Rep. Chief of Weather Bureau, 1931-2.	P, 1917-32. T, 35 yrs., 1872-86; 1905-35. R, 25 yrs., 1905-33.	cq P, ℭ = ½(1+13).
304	Chernofski Harbor	See No. 302.	..	..
305	Dillingham	Do.	T, 10 yrs., 1919-29. R, 10 yrs., 1919-30.	..
306	Kodiak	See No. 303.	P, 15 yrs., 1918-33. T, 1917-31. R, 25 yrs., 1898-1930.	cq P, ℭ = ½(2+14).
309	Sitka	See No. 302.	T, 43 yrs. R, 61 yrs., 1842-1921.	..
310	Prince Rupert	Toronto, Meteor. Service, Monthly Record Meteor. Obs., 1931.	P, 1911-35. T, 1909-33. R, 1910-34.	en P = ½(8+20). ℭ = ½(8+20+M+m).
311	Prince George	Do. do.	T, R, 1912-33.	en Do. do.
312	Kamloops	Do. do.	P, 1911-35. T, 35 yrs., 1891-1927. R, 1895-1929.	en Do. do.
313	Calgary	Do. do.	P, 1894-1928. T, 1884-1923. R,1884-1920.	en Do. do.
314	Fort Smith	Do. do.	T, R, 1913-34.	en Do. do.
315	Prince Albert	Do. do.	P, 1897-1931. T, 1885-1925. R, 1884-1920.	en Do. do.
316	Qu'Appelle	Do. do.	P, 1892-1926. T, R, 1883-1920.	en Do. do.
317	Minnedosa	Do. do.	P, 1895-1929. T, 1881-1933. R, 1883-1917.	en Do. do.
318	Berens River	Do. do.	T, 1886-1917. R, 1886-1920.	..
319	Pagwa	Do. do.	T, R, 1918-30.	..
320	Moose Factory	Do. do.	T, 35 yrs., 1890-1926. R, 1895-1927.	en P = ½(8+20). ℭ = ½(8+20+M+m).
321	Fort George	Do. do.	T, 1916-28.	..
322	Mistassini Post	Do. do.	T, R, 1894-1900; '14-28.	..
323	Fort Chimo	Do. do.	T, 1923-32.	en P = ½(8+20). ℭ = ½(8+20+M+m).
324	Natashkwan	Do. do.	T, R, 15 yrs., 1914-30.	..
326	Belle Isle	..	..	..
333a	62°-57°N. 20°-15°W.	MS. data supplied by Danske Meteor. Inst., Copenhagen and Meteor. Office, London.	Sea Temperature, 1876-1915.	Insufficient data Jan. and Dec.
334	Valentia Observatory	London, Observatories' Year Book, 1931.	P, ℭ, 1871-1915. R, 1871-1920.	P, ℭ = mean of 24 hours.
335	Aberdeen	Do. do.	P, ℭ, 1871-1915. R, 1871-1920.	Do.
336	Greenwich	London Monthly Weather Rep. Meteor. Office, 1931.	P, 1854-1920. ℭ, R, 1881-1915.	Do.
337	Uccle	MS. data supplied by Inst. Roy. Météor. Belgique.	P, 1833-1904. T, 1886-1920. R, 1887-1926.	e P = mean of 24 hrs. ℭ = mean of bi-hourly observations.

ZONE 3-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
338	De Bilt	De Bilt, K. Nederlandsch Meteor. Inst., Jaarboek, 1931.	P, R, 1849-1920. ℭ, 1849-1929.	e P, ℭ = mean of 24 hrs.
338a	Hasburg	Hamburg, D. Seewarte, Ergebn. Meteor. Beob.,1931.	P, ℭ, R, 80 yrs.	e Do.
339	Copenhagen (Meteor.Inst.)	Copenhagen, Danske Meteor. Aarbog, 1931.	P, 1842-1917. ℭ, 1768-76; '82-88; '98-1920. R, 1820-1920.	ce P = ¼(8+14+21). ℭ derived from these hours. Temp. and rainfall data refer to the Landbohøjskolen, 55° 41'N.,12° 33'E. 13m.
340	Potsdam	Berlin, Ergebn. Meteor. Beob., Potsdam, 1931.	P, 1851-1916. ℭ, 1893-1927. R, 1877-1916.	e P, ℭ = mean of 24 hrs.
340a	Uppsala	Uppsala, Bull. Mens. Obs. Météor., 1931.	P, 1860-1920. ℭ, 1855-1920. R, 1851-1924.	e Do.
341	Warsaw	Warsaw, Ann. Inst. Météor., Pologne and Suppl. A, 1931.	P, 1885-1920. T, R, 1923-32.	e Do.
342	Tartu (Ülikooli)	Tartu, Meteor. Jahrb., Eesti, 1931.	P, ℭ, R, 1866-1915.	e Do.
343	Leningrad	..	..	..
344a	Moscow	..	..	..
345	Saratov	..	..	..
346	Kazan	..	..	..
347	Orenburg	MS. data supplied by Obs. Géophys. Univ., Kazan.	P, ℭ, 1881-1915. R, 1876-1925.	e P = ¼(7+13+21). ℭ = mean of 24 hrs.
348	Perm	..	..	..
349	Sverdlovsk	..	..	..
350	Tobolsk	..	..	..
351	Akmolinsk	..	..	..
352	Omsk	..	..	..
353	Barnaoul	..	..	..
354	Tomsk	..	..	..
355	Minousinsk	..	..	..
356	Eniseisk	..	..	..
357	Irkutsk	..	..	..
358	Kirensk	..	..	..
359	Tchita	..	..	..
360	Nertchinskii Zavod	..	..	..
361	Tygan Ourkan	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	..	..	..
364	Chantar Bolchoy	..	..	..
365	Nikolaevsk-sur-Amour	..	..	..
366	Okhotsk	..	..	..
368	Petropavlovsk (Phare)	..	..	..
369	Kluchevskoye	..	..	..
370	Nikolskoe	..	..	..

Table showing the Authorities for the Meteorology of the Globe between Latitude 50°N. and 40°N.

ZONE 4.

431	Victoria, B.C.	Toronto, Meteor. Service, Monthly Record Meteor. Obs., 1931.	P, 1900-24. T, R, 1891-1925.	en P = ½(8+20). ℭ = ½(8+20+M+m).
432	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. Chief of Weather Bureau, 1931-2 and Monthly Weather Rev., 1931.	P, T, 1873-1923. R, 1871-1922.	nq P, ℭ = ½(8+20) reduced to mean of 24 hrs.
433	Macleod	See No. 411.	T, 35 yrs., 1895-1931. R, 35 yrs., 1895-1930.	ℭ derived from ½(M+m).
434	Helena	See No. 412.	P, 1882-1923. T, R, 1880-1923.	nq P, ℭ = ½(8+20) reduced to mean of 24 hrs.
434a	Salt Lake City	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
435	Cheyenne	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
435a	North Platte	Do.	P, T, 1875-1923. R, 1874-1922.	nq Do. do.
437	Bismarck	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
438	Winnipeg	See No. 411.	T, 1873-1920. R, 1886-1920.	en P = ½(8+20). ℭ = ½(8+20+M+m).
439	Duluth	See No. 412.	P, see current data. T, 1904-28. R, 1871-1923.	n P, ℭ = ½(8+20) reduced to mean of 24 hrs.
440	Fort Arthur	See No. 411.	P, 1900-24. T, 1885-1914. R, 1881-1915.	en P = ½(8+20). ℭ = ½(8+20+M+m).
441	Chicago	See No. 412.	P, see current data, T. 1873-1923. R, 1871-1923.	n P, ℭ = ½(8+20) reduced to mean of 24 hrs.
442	Toronto	See No. 411.	P, 1886-1921. T, 1873-1920. R, 1874-1920.	en P = ½(8+20). ℭ = ½(8+20+M+m).
443	New York (Central Park)	New York, Rep. Meteor. Obs., Central Park, 1931.	P, 51 yrs., 1868-1920. ℭ, R, 63 yrs., 1868-1932.	enq P = ¼(7+14+21). ℭ = mean of 24 hrs.
444	St. John, N.B.	See No. 411.	T, 1875-1924. R, 1861-1910.	en P = ½(8+20). ℭ = ½(8+20+M+m).
444a	S.W. Point, Anticosti	Do.	T, R, 1882-1920.	en Do. do.
445	Sable Island (Main Station)	Do.	T, 25 yrs., 1898-1923. R, 35 yrs., 1891-1927.	en Do. do.
446	St. John's, Newfoundland	Do.	P, 35 yrs., 1886-1921. T, 1872-1920. R, 1874-1920.	en Do. do.
435	Madrid	MS. data supplied by Servicio Meteor. Nacional, Madrid.	P, T, 1901-25. R, 1901-26.	ex P = ¼(7+13+18). ℭ derived from these hours.

ZONE 4-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
436	Nantes	Paris, Bull. Mens. Office Nat. Météor. France, 1931 and MS. data.	P, ℄, R, 1881-1920.	e P, ℄ = mean of 24 hrs.
437	Paris (Parc St. Maur)	〃 Do. do.	P, ℄, R, 1874-1923. R, 1820-1910.	e Do.
438	Marseille	Marseille, Comm. Météor. Bouches Rhône, Bull. Ann., 1931-2.	P, ℄, R, 1871-1920.	P = ⅓(7+12+18). ℄ derived from these hours.
438a	Zürich	Zürich, Ann. Schweiz. Meteor. Zentralanst, 1931.	P, ℄, R, 1864-1920.	e P, ℄ = mean of 24 hrs.
439	Rome	MS. data supplied by R. Uff. Centr. Meteor. e Geodin., Rome.	P, 1858-1924. T, 1831-1910. R, 1782-1924.	c P = ⅓(8+14+19). ℄ derived from ½(M+m).
440	Vienna	MS. data supplied by Zentralanst. Meteor. und Geodyn., Wien.	P, R, 1851-1920. ℄, 1775-1920.	e P, ℄ = mean of 24 hrs.
440a	Budapest	Budapest, Witterungsber. von Ungarn, 1931.	P, R, 1871-1920. ℄, 1871-1930.	e Do.
441	Sofia	Sofia, Bull. Mens. Inst. Météor. Bulgarie, 1931.	P, 1918-32. ℄, R, 1892-1926.	e P = ⅓(7+14+21). ℄ = ¼(7+14+2x21).
442	Bucharest	Bucuresti, Bul. Lunar Obs. Meteor. România, 1931.	P, 1881-1924. ℄, 1857-1924. R, 1864-1924.	e P, ℄ = mean of 24 hrs.
443	Odessa (Observatory)	MS. data supplied by U.S.S.R. Central Weather Bureau, Moscow.	T, 49 yrs., 1870-1922.	..
444a	Novorossiisk	..	..	..
445	Tiflis	..	..	..
446	Astrakhan	..	..	..
447	Fort Alexandrovsk	..	..	..
448	Krasnovodsk	..	..	..
449	Kasalinsk	..	..	..
450	Tashkent	..	..	..
451	Andijan	..	..	..
452	Alma Ata	..	..	..
461	Moukden	..	..	..
		Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1931.	P, ℄, R, 1906-29.	ce P, ℄ = ⅙(2+6+10+14+18+22).
462	Joshin	Do. do.	P, ℄, R, 1906-29.	ce Do. do.
463	Yuki	Do. do.	P, ℄, R, 1915-29.	ce Do. do.
464	Vladivostock	..	..	..
465	Ochiai	See No. 461.	P, ℄, R, 1908-29.	e P, ℄ = ⅙(2+6+10+14+18+22). 135°E. meridian time.
466	Nemuro	Do.	P, 1886-1920. ℄, R, 1884-1920.	e Do. do.
466a	Syana	Do.	P, ℄, R, 1903-29.	e Do. do.

ZONE 5. Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. Chief of Weather Bureau, 1931-32 and Monthly Weather Rev., 1931.	P, T, 1873-1923. R, 1850-1925.	nq P, ℄ = ¼(8+20) reduced to mean of 24 hrs.
512	Sacramento	Do. do.	P, 1878-1931. T, 43 yrs., 1878-1921. R, 1850-1924.	nq Do. do.
513	San Diego	Do. do.	P, T, 1873-1923. R, 1850-1923.	nq Do. do.
514	Modena	Do. do.	P, ℄, R, 1901-25.	nq Do. do.
515	Santa Fé	Do. do.	P, 1873-80; '82; '85-1923. T, 1873-82; '85-1923. R, 67 yrs., 1850-1923.	nq Do. do.
516	Denver	Do. do.	P, T, 1873-1923. R, 1872-1923.	nq Do. do.
517	Abilene	Do. do.	P, T, 1886-1923. R, 1885-1922.	nq Do. do.
518	Saint Louis	Do. do.	P, T, 1873-1923. R, 1837-1923.	nq Do. do.
519	Mobile	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
520	Nashville	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
521	Charleston	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
522	Washington	Do. do.	P, T, 1873-1923. R, 1871-1925.	nq Do. do.
524	Bermuda	Toronto, Meteor. Service, Monthly Record Meteor. Obs., 1931.	℄, R, 62 yrs., 1866-1928.	en P = ¼(8+20). ℄ = ¼(8+20+M+m).
530	Santa Cruz (Flores)	MS. data supplied by Director, Meteor. Service, Azores.	P, 1907-31. T, R, 1911-25.	P, ℄(Jan. to Sept.) = mean of 24 hrs. ℄(Oct.-Dec., Yr.) derived from ½(M+m).
531	Horta	Do. do.	P, ℄, R, 1902-26.	P, ℄ = mean of 24 hrs.
532	Ponta Delgada	Do. do.	P, ℄, 1894-1928.	Do.
532a	Faja de Cima	Do. do.	R, 1911-25.	..

ZONE 5-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
533	Madeira (Funchal)	Lisbon, Anais Obs. Centr. Meteor., Vol. LXII, 1931.	P, ℄, R, 1880-1920.	e P = ⅓(9+15+21). ℄ = ¼(9+21+M+m).
535	Lisbon	Lisbon, Anais Obs. Centr. Meteor., Vol. LXII, 1931 and MS. data.	P, ℄, R, 1864-1920.	P, ℄ = mean of 24 hrs.
536	Gibraltar	MS. data at M.O.	P, 76 yrs., 1852-1930. T, 78 yrs., 1852-1932. R. 79 yrs., 1852-1932.	c P = ⅓(7+13+21). ℄ = ¼(7+13+2x21).
536a	Colomb-Béchar	MS. data supplied by Office Nat. Météor., Paris.	P, 1922-33. T, 11 yrs., 1913-14; '21-30. R, 11 yrs., 1913-14; '21-29.	c P = ⅓(7+13+18). ℄ = ¼(7+13+18+m).
537	Palma	MS. data supplied by Serv. Meteor. Nac., Madrid.	P, T (June to Dec.) R, 1865-1921. ℄ (Jan. to May, Yr.)10 yrs., 1921-31.	ex P, ℄ (Jan. to May, Yr.) = ⅓(7+13+18). ℄ (June to Dec.) = ½(7+13+18+m).
538	Algiers	Algiers, Serv. Météor., Obs. Alger-Université, 1931.	P, ℄, R, see current data.	eq P, ℄ = mean of 24 hrs.
538a	Gadames	Tripoli, Uff. Meteor. Boll., 1931.	T, 15 yrs., 1912-15; '19-30. R, 1912-15; '19-29.	..
539	Tunis	Tunis, Serv. Météor. Res. Clim., 1931.	P, 1921-30. ℄, 35 yrs., 1887-1927. R, 35 yrs., 1887-1925.	ce P = ⅓(8+14+19). ℄ derived from ½(8+14+19+m).
539a	Malta	MS. data at M.O.	P, 66 yrs., 1852-1923. T, 64 yrs., 1853-1923. R, 70 yrs., 1853-1923.	x P=½(7+18). ℄ derived from ½(M+m).
541	Athens	MS. data supplied by Obs. Nat., Athens.	P, 71 yrs., 1839-1923. ℄, R, 1858-1923.	e P, ℄ = mean of 24 hrs.
542	Alexandria	Cairo, Phys. Dept., Meteor. Rep., 1931.	P, 1888-1922. ℄, 1870-1922. R, 1884-1934.	ce P = ⅓(8+14+20). ℄ derived from ½(8+14+20+m).
543	Ankara	Turquie, Bull. Obs. Météor., 1931.	P, see current data. ℄, 1873-1923.	e P = ⅓(7+14+21). ℄ = ¼(7+14+2x21).
543a	Nicosia (P.W.D.)	Cyprus Blue Book, 1931.	P (1878-1913).	c P = ½(8+14).
544	Beirut	Beirut, Monthly Bull. Obs., 1931.	P, T, R, 1907-31.	c P = ⅓(8½+14½+20½). ℄= ¼(8½+14½+20½+2M+3m).
545	Hinaldi	MS. data at M.O.	P, ℄, 1875-1924. R, 1876-1936.	x P = ⅓(2+6+13). ℄ derived from these hours.
547	Lenkoran	..	P, 1896-1910. T, R, 1922-32.	..
548	Tehran	Calcutta, India Weather Rev., 1931.	..	aex P = ½(4+14). ℄ derived from ½(M+m).
549	Meshed	Do. do.	T, R, 25 yrs., 1893-1920.	a ..
549a	Seistan	Do. do.	R, 26 yrs., 1893-1920.	ax P = ½(4+12).
550	Quetta	Calcutta, India Weather Rev., 1931 and MS. data.	T, R, 1912-26.	aq P = 7h. ℄ derived from ½(M+m).
551	Peshawar	Do. do.	P, R, see current data. T, 1878-1920.	aq P = 8h. ℄ derived from ½(M+m).
551a	Lahore	Do. do.	P, R, see current data. T, 1878-1910.	aq Do. do.
552	Simla	Do. do.	P, ℄, R, see current data.	aq Do. do.
552a	Leh	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
598	Sian	Do. do.	P, R, see current data. T, 43 yrs., 1875-1920.	et P, ℄ = mean of hourly observations, 5h. to 21h.
599	Hankow	MS. data supplied by Obs. Météor. Zi-ka-Wei, Shanghai.	..	P = ⅓(6+14+22). 135°E. meridian time.
560	Tientsin	MS. data supplied by Centr. Meteor. Obs., Tokyo.	P, ℄, 1906-30. R, 39 yrs., 1875-1919.	℄ derived from these hours.
561	Shanghai (Zi-ka-Wei)	Do. do.	P, ℄, 1905-29. R, 1904-29.	Do. do.
562	Jinsen (Chemulpho)	Zi-ka-Wei, Bull. Obs., 1931.	P, ℄, 1873-1920. R, 1873-1924.	e P, ℄ = mean of 24 hrs.
562a	Nagasaki	Zinsen, Ann. Rep. Meteor. Obs., Tyôsen, 1931.	P, 35 yrs., 1888-1923. ℄, 1888-1922. R. 1905-29.	e Do.
563	Kyoto	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1931.	P, 1886-1920. ℄, R, 1879-1920.	e Do.
564	Tokyo	Do. do.	P, 1881-1915. ℄, R, 1881-1920.	ce P, ℄ = ⅙(2+6+10+14+18+22).
565	Hukuoima	Do. do.	P, 1886-1920. ℄, R, 1876-1920.	e P, ℄ = mean of 24 hours.
566	Miyako	Do. do.	P, ℄, R, 1897-1931.	ce P, ℄ = ⅙(2+6+10+14+18+22).
		Do. do.	P, 1886-1920. ℄, R, 1884-1920.	ce Do.

Table showing the Authorities for the Meteorology of the Globe between Latitude 30°N. and 20°N. ZONE 6.

601	Midway Island	MS. data supplied by Chief of Weather Bureau, Washington, D.C.	T, R, 1917-31.	cd P = 12h.
605	Honolulu	Washington, D.C., U.S. Dept. Agric., Rep. Chief of Weather Bureau, 1931-2 and Monthly Weather Rev., 1931.	P, 1883-1928. T, 1883-1920. R, 1874-1928.	q P = ½(8+20). ℄ = ½(8+20+M+m). 157½° W. meridian time.
613	Guaymas	Tacubaya, Bol. del Serv. Meteor., Mexicano, 1931.	P, ℄, R, 10 yrs., 1923-33.	ce P = ⅓(7+14+21). ℄ derived from these hours.
614	La Paz, Mexico	Do. do.	..	cde P = ⅓(7+14+21).
615	Leon	Do. do.	P, ℄, 35 yrs., 1879-1923. R, 37 yrs., 1878-1920.	ceq P = ⅓(7+14+21). ℄ derived from these hours.
616	Monterry	Do. do.	P, ℄, 1886-88; '96-99; 1905-32. R, 25 yrs., 1885-1924.	ce Do. Do.
617	Tulancingo	Do. do.	P, 1922-31. ℄, R, 15 yrs., 1911-27.	cq Do. Do.
618	Galveston	See No. 605.	P, T, 1873-1923. R, 1871-1924.	nq P, ℄ = ¼(8+20) reduced to mean of 24 hrs.
618a	New Orleans	Do.	P, see current data. ℄, 1873-1923. R, 77 yrs., 1836-1922.	n Do. Do.
619	Merida, Yucatan	See No. 613.	P, 35 yrs., 1894-1931. ℄, R, 25 yrs., 1895-1924.	e P = ⅓(7+14+21). 105°W. meridian time. ℄ derived from these hours.
620	Havana	MS. data supplied by Director, Obs. Meteor. Colegio Belen, Habana.	P, 1858-1925.	e P, ℄ = mean of bi-hourly observations.
620a	Key West	See No. 605.	P, T, 1873-1923. R, 1871-1922.	nq P, ℄ = ¼(8+20) reduced to mean of 24 hrs.
621	Nassau, Bahamas	Bahamas Blue Book, 1931 and MS.data.	P, 45 yrs., 1871-1920. T, 43 yrs., 1874-1920. R, 55 yrs., 1855-1920.	n P = ½(8+15). ℄ derived from ½(M+m).
622	San Salvador (Watling Island)	MS. data at M.O.	P, ℄, 15 yrs., 1915-30.	ekl P, ℄ (Jan.to May) = ⅓(8+12+16+20). P, ℄ (June to Dec.) = ⅓(4+8+12+16+20).
633	Fort Etienne	Dakar, Journal Offic., A.O.F. and Bull. Serv. Météor., A.O.F., 1931.	R, 10 yrs., 1923-33.	P (Mar.to July) = ⅓(7+14+21). P (Aug.to Dec.) = ⅓(8+15+22). ℄ (Jan.) = ½(8+15+2x21). ℄ (Feb.to July) = ⅓(7+14+2x21). ℄(Aug.to Dec.) = ⅓(8+15+2x22).
633a	Izaña	MS. data supplied by Serv. Meteor. Nac., Madrid.	P,T,R, 1916-30.	qx P = ⅓(7+12+18). ℄ = mean of 24 hrs.
634	La Laguna	Do. do.	P, 1911-25. T, 37 yrs. R, 35 yrs.	dex P = ⅓(7+13+18).

ZONE 6-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
636	Adrar	MS. data supplied by Inst. Météor. et Phys. Globe, Algiers.	..	ex P = ⅓(7+13+18). ℄ = ¼(7+13+18+$\frac{18+m}{2}$).
638	Tamanrasset (Fort Laperrine)	Do. do.	T, R, 10 yrs., 1924-35.	ex Do. do.
639	Sebha	Tripoli, Uff. Meteor. Boll., 1931.	..	..
640	Hon	Do. do.	..	..
641	Giarabub	Tripoli, Boll. Meteor. Cirenaica, 1931.	..	..
642	Siwa	Cairo, Phys. Dept., Meteor. Rep., 1931.	P, 1921-30. T, 10 yrs., 1920-32. R, 1920-29.	ef P = ⅓(8+14+20). ℄ = ¼(8+14+20+m).
643	Cairo (Helwan)	Do. do.	P, ℄, R, 1904-28.	e P, ℄ = mean of 24 hrs.
643a	Aswan	Do. do.	P, ℄, 1901-25.	ef P = ⅓(8+14+20). ℄ = ¼(8+14+20+m). No rain-gauge as rainfall is practically unknown.
644	Tor	Do. do.	P, ℄, 1905-30. R, 1919-29.	ef P = ⅓(8+14+20). ℄ = ¼(8+14+20+m).
647	Bushire	Calcutta, India Weather Rev., 1931 and MS. data.	T, 43 yrs., 1876-1920. R, 44yrs., 1876-1920.	ax P = ⅓(4+14). ℄ derived from ½(M+m).
648	Jask	Do. do.	T, 27 yrs., 1893-1920. R, 28 yrs., 1892-1920.	ax Do. do.
649	Karachi	Do. do.	P, R, see current data. T, 1905-19.	aq P = 8h. ℄ derived from ½(M+m).
650	Jacobabad	Do. do.	P, R, see current data. T, 1878-1910.	aq Do. do.
651	Jaipur	Do. do.	P, ℄, R, see current data.	aq Do. do.
652	Nagpur	Do. do.	P, R, see current data. T, 1875-1920.	aq Do. do.
653	Allahabad	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
653a	Darjiling	Do. do.	P, R, see current data. T, 1890-1910.	aq Do. do.
654	Calcutta	Do. do.	P, ℄, R, see current data.	aq Do. do.
655	Gauhati	Do. do.	P, R, see current data. T, 1902-20.	aq Do. do.
655m	Cherrapunji	Do. do.	P, R, see current data. T, 1902-20.	adq P = 8h.
655a	Akyab	Do. do.	P, R, see current data. T, 1878-1920.	aq P = 8h. ℄ derived from ½(M+m).
656	Mandalay	Do. do.	P, R, see current data. T, 1889-1910.	aq Do. do.
656a	Tengyueh	Nanking, Ann. Meteor. Rep., 1931.	T, R, 1914-28.	ce P = 9h. ℄ derived from ½(M+m).
657	Phu Lien	Phu Lien, Ann. Serv. Météor. Indochine, 1931 and MS. data.	P, ℄, R, 1907-31.	P, ℄ = mean of bi-hourly observations.
658	Moncay	Do. do.	P, 1907-21. T, R, 1907-31.	P = ¼(1st and 2nd max. + 1st and 2nd min.) ℄ derived from ½(M+m).
659	Hongkong	Hongkong, Royal Obs. Monthly Meteor. Bull., 1931.	P, ℄, R, 1884-1928.	P, ℄ = mean of 24 hrs.
660	Amoy	See No. 656a.	P, 15 yrs., 1894-1901; '14-22. ℄, 25 yrs. R, 35 yrs., 1880-1924.	ce P = 9h. ℄ = mean of tri-hourly observations.
661	Taihoku, Formosa	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1931.	P, ℄, R, 1897-1931.	e P, ℄ = mean of 24 hrs.
661a	Basco	Manila, Weather Bureau, Monthly Bull., 1931.	P, ℄, 25 yrs. 1903-28. R, 25 yrs., 1903-30.	c P, ℄ = ⅙(2+6+10+14+18+22).
662	Naha	See No. 661.	P, ℄, R, 1891-1925.	e P, ℄ = mean of 24 hrs.
665	Titizima (Bonin Islands)	Do.	P, ℄, R, 25 yrs., 1906-31.	ce P, ℄ = ⅙(2+6+10+14+18+22).

ZONE 7.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20°N. and 10°N.

715	Colima	Tacubaya, Bol. Serv. Meteor. Mexicano, 1931.	P, ℄, R, 15 yrs., 1917-32.	ce P = ⅓(7+14+21). ℄ derived from these hours.
716	Morelia	Do. do.	P, 15 yrs., 1917-33. ℄, R, 15 yrs., 1917-32.	ce Do. do.
717	Mexico, Tacubaya	Tacubaya, Serv. Meteor. Mexicano, Res. Mens., 1931.	P, 1917-31. ℄, 1900-14; '17-26. R, 1900-34.	q P, ℄ = mean of 24 hrs.
718	Salina Cruz	See No. 715.	P, ℄, 15 yrs., 1907-26. R, 1903-13; '16-29.	e P = ⅓(7+14+21). 105°W. meridian time. ℄ derived from these hours.
719	San Salvador	San Salvador, An. Obs. Meteor., 1931.	P, 1911-25. ℄, R, 1912-26.	e P = ⅓(7+14+21). ℄ = ⅓(7+14+2x21).
720	Belize	MS. data at M.O.	P, R, 1917-31. T, 1895-1905; '11-13.	cde P = 6h.
721	Jamaica (Negril Pt.)	Jamaica Blue Book, 1931.	P, T, 1898-1932. R, 1895-1929.	c P, ℄ = ⅓(7+15) reduced to mean of 24 hrs.
722	Port au Prince	Port-au-Prince, Bull. Ann. Obs. Météor., 1931.	P, 1865-69; '88-1925. ℄, 1864-69; '88-1925. R, 49 yrs., 1863-1925.	ce P = ⅓(7+13+21). ℄ derived from ⅓(7+13+2x21).
723	Caracas	..	..	..
724	San Juan, Porto Rico	Washington, D.C., U.S. Dept. Agric., Rep. Chief of Weather Bureau, 1930-31 and Monthly Weather Rev., 1931.	P, R, 1899-1928. T, 1898-1928.	nq P = ⅓(8+20) reduced to mean of 24 hrs. ℄ derived from ½(M+m).
724a	Grenada (Richmond Hill)	Grenada Govt. Gazette, 1931.	P, 1891-1925. T, 40 yrs., 1887-1929. R, 1891-1929.	e P = ⅓(9+18). ℄ derived from ½(M+m).
725	Barbados	Barbados Blue Book, 1931.	P, 1916-30. T, 17 yrs., 1912-29. R, 74 yrs., 1853-1929.	c P = ⅓(9+15). ℄ derived from ½(M+m).
731	São Vicente, C.Verde Is.	Lisbon, Res. Mens. Obs. Meteor., 1931.	P, R, 35 yrs., 1884-1921. ℄, 1901-25.	e P = ⅓(9+15+21). ℄ = ⅓(9+21+M+m).
732	San Tiago, C.Verde Is.	..	..	..
733	Dakar	Dakar, Journal Offic., A.O.F. and Bull. Serv. Météor., A.O.F., 1931.	T, R, 25 yrs., 1899-1913; '23-33.	e P (Jan.to June, Oct.to Dec.) = ⅓(8+13+18). P (July to Sept.) = ⅓(7+12+17). ℄ (Jan.to June, Oct.to Dec.) = ⅓(8+13+2x18). ℄ (July to Sept.) = ⅓(7+12+2x17). ℄ derived from ½(M+m).
734	Bathurst (Cape St. Mary)	Gambia Blue Book, 1931.	T, 23 yrs., 1891-1925. R, 1926-35.	℄ (Jan.to Mar.) derived from ⅓(7+14+21).
735	Niénébalé	See No. 733.	..	℄ (Apr.to July, Sept.to Dec.) derived from ⅓(7+14+19).
736	Kabara	MS. data supplied by Ministère des Colonies, Paris.	..	℄ derived from ½(M+m).
737	Sokoto	MS. data at M.O.	T, 25 yrs., 1907-33. R, 1904-28.	Do.
738	Kaduna Capital	Do.	℄(Jan.to Mar., May, July, Aug.) T (June, Sept.to Dec.) 1917-31. R, 15 yrs., 1916-31.	e P, ℄ (Jan.to Mar., May, July, Aug.) = 9h. ℄ (June, Sept. to Dec.) derived from ½(M+m).
739	Bilma	See No. 733.	..	℄ (Jan., Mar., May to Sept.) = ⅓(7+14+2x21). ℄ (Oct.to Dec.) = ⅓(8+15+2x22). ℄ = 9h.
740	Maiduguri	MS. data at M.O.	℄, 1926-35. R, 1904-28.	eg P = ⅓(8+14+20). ℄ = ⅓(8+14+20+m).
741	El Fasher	Cairo, Phys.Dept., Meteor.Rep., 1931.	℄, 1920-30. R, 1917-31.	eg Do. do.
743	El Obeid	Do. do.	P, 25 yrs., 1901-27. ℄, 1901-25. R, 1902-26.	e P = ⅓(8+14+20). ℄ derived from ⅓(8+14+20+m).
743a	Khartoum	Do. do.	P, 1903-27. ℄, 1901-25. R, 1899-1923.	eg P = ⅓(8+14+20). ℄ = ⅓(8+14+20+m).
744	Port Sudan	Do. do.	P, ℄, 1905-30. R, 1906-29.	ce P = ⅓(8+14+20). ℄ = ⅓(8+20+M+m).
745	Berbera, Somaliland	MS. data at M.O.	P, 25 yrs., 1908-34. T, 1908-32. R, 1906-30.	

ZONE 7-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
746	Aden	Calcutta, India Weather Rev., 1931 and MS. data.	P, R, see current data. T, 39 yrs., 1880-1920.	aq P = 7h. ℄ derived from ½(M+m).
751	Bombay	Calcutta, India Weather Rev., 1931, Bombay, Magn. Meteor. and Seism. Obs., 1931 and MS. data.	P, R, see current data. T, 1878-1920.	aq P = 8h. ℄ = mean of 24 hrs.
752	Kodaikanal	See No. 746.	P, ℄, R, see current data.	aq P = 8h. ℄ derived from ½(M+m).
752a	Bangalore	Do.	P, ℄, R, see current data.	aq Do. do.
753	Madras	Do.	P, ℄, R, see current data.	aq Do. do.
754	Vizagapatam	Do.	P, R, see current data. T, 15 yrs., 1888-1921.	aq Do. do.
755	Port Blair	Do.	P, R, see current data. T, 1867-1920.	aq Do. do.
756	Rangoon	Do.	P, R, see current data. T, 1876-1920.	aq Do. do.
757	Cap. St. Jacques	Phu Lien, Ann. Serv. Météor. Indochine, 1931 and MS. data.	T, R, 1907-31.	d P = ¼(1st and 2nd max. + 1st and 2nd min).
758	Nhatrang	Do. do.	T, R, 1907-31.	d Do. do.
759	Bolinao	Manila, Weather Bureau, Monthly Bull. and Ann. Rep., 1931.	P, ℄, 25 yrs., 1902-30. R, 35 yrs., 1886-1928.	c P = ⅓(6+14). ℄ derived from these hours.
761	Vigan	Manila, Weather Bureau, Monthly Bull., 1931.	P, ℄, 25 yrs., 1902-28. R, 35 yrs., 1887-1929.	c P, ℄ = ⅛(2+6+10+14+18+22).
761a	Manila	Do. do.	P, 1887-1922. ℄, 1885-1928. R, 1865-1928.	P, ℄ = mean of 24 hrs.
762	Ormoc	See No. 759.	P, ℄, 1902-05; '07-27. R, 1902-26.	c P = ⅓(6+14). ℄ derived from these hours.
763	Guam, Ladrone Is.	Do.	P, 1907-31. ℄, R, 1906-30.	P = ⅓(6+14). 120° E. meridian time. ℄ derived from these hours.
766	Saipan	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1931.	..	e P, ℄ = ⅛(2+6+10+14+18+22). 135° E. meridian time.

Table showing the Authorities for the Meteorology of the Globe between Latitude 10° N. and 0°.

ZONE 8.

805	Fanning Island	MS. data at M.O.	P, 10 yrs., 1921-32. ℄(Jan., May to Dec., Yr.) 13 yrs., 1921-34. T(Feb.to Apr.) 25 yrs., 1904-34. R, 25 yrs., 1903-30.	de P, ℄ (Jan., May to Dec., Yr.) = 9h. "d" refers to Feb. to Apr.
821	Cristobal	Balboa Heights, Panama Canal Sect. Meteor. and Hydrogr., Monthly Meteor. Rep., 1931.	P, 1908-32. T, 35 yrs., 1881-1935. R, 1863-74; '81-87; '89-1923.	P, ℄ = mean of bi-hourly observations.
822	Bogota	Bogota, An. Obs. Nac. San Bartolomé, 1931.	P, T, 1923-32. R, 1866-85; '94-1923.	q P = ⅓(6+8+10+12+14+16+18+20). ℄ = ⅒(6+8+10+12+14+16+18+20+2m).
822a	Merida, Venezuela	..	..	..
823	Ciudad Bolivar	..	..	..
824	El Peru, Guayanavieja	..	..	..
825	Georgetown, Brit. Guiana	MS. data at M.O.	P, 15 yrs., 1910-26. ℄, 11 yrs., 1910-22. R, 15 yrs., 1910-25.	e P, ℄ = 7½h. approx.
826	Paramaribo	British Guiana Blue Book, 1931.	P, 1887-1929. T, 1846-56; '87-1929. M, 1894-1928.	P = ⅓(7+13+18). ℄ derived from these hours.
826a	Cayenne	De Bilt, K. Ned. Meteor. Inst., Meteor. Obs. Netherlands West Indies, 1931.	P, 1876-1915. ℄, 1899-1928. R, 1847-54; '64-1925.	e P = ⅓(8+14+18). ℄ derived from these hours.
833	Konakri	MS. data supplied by Ministère des Colonies, Paris.	R, 1859-99; 1903-12.	..
834	Freetown, Sierra Leone	Dakar, Journal Offic., A.O.F. and Bull. Serv. Météor., A.O.F., 1931.	T, 15 yrs., 1905-31. R, 15 yrs., 1904-22.	℄ (Feb., May) = ¼(7+15+2x18). ℄ (June, Aug., Oct., Nov.) = ¼(7+14+2x18). ℄ (July, Sept., Dec.) = ¼(8+14+2x18).
835	Assuantsi	MS. data at M.O.	P, 1901-35. R, 1874-1920.	e P, ℄ (May to Nov., Yr.) = ⅓(9+17). ℄ (Jan. to Apr., Dec.) = ½(17+M+2m).
836	Accra	Do.	T, 1921-36. R, 19 yrs.	de P = 9h.
837	Lagos	Do.	P, 1921-36. T, 25 yrs., 1888-1931. R, 41 yrs.	de Do.
838	Victoria, Nigeria	Do.	P, 10 yrs., 1926-36. T, 35 yrs., 1891-1927. R, 35 yrs., 1891-1926.	e P = ⅓(9+15). ℄ = ⅓(9+2x15+2m).
839	Yola	Do.	R, 1922-36.	de P = ⅓(9+15).
841	Nau	Cairo, Phys.Dept., Meteor.Rep., 1931.	T (Feb.to Aug., Oct., Nov.) 25 yrs., 1904-19; '24-34. ℄ (Jan., Sept., Dec., Yr.) 1915-24. R, 1904-28.	℄ (Feb.to Aug., Oct., Nov.) derived from ½(M+m). ℄ (Jan., Sept., Dec., Yr.) = 9h.
843	Malakal (Kodok)	Do. do.	P, 25 yrs., 1902-32. ℄, 25 yrs., 1902-27. R, 1904-28.	eg P = ⅓(8+14+20). ℄ = ⅓(8+14+20+m).
843a	Juba	Do. do.	P, ℄, 15 yrs., 1915-30. R, 1915-29.	eg Do. do.
844	Entebbe	Uganda Blue Book, 1931.	..	eg Do. do.
844a	Kampala (Kololo Hill)	Nairobi, B.E.A. Meteor.Serv., Results Meteor. Obs. Kampala, 1931.	T, 25 yrs., 1901-26. R, 35 yrs., 1896-1931.	..
845	Sheikh	British Somaliland Meteor.Obs., 1931.	..	et P, ℄ = mean of 24 hrs.
851	Minicoy	Calcutta, India Weather Rev., 1931 and MS. data.	R, 12 yrs., 1921-33. P, R, see current data.	d ..
851a	Cochin	Do. do.	P, R, see current data. T, 1875-1920.	aq P = 8h. ℄ derived from ½(M+m).
852	Colombo Observatory	Ceylon Govt. Gazette Suppl., 1931 and Blue Book, 1931.	P, T, R, 51 yrs., 1869-1920.	aq Do. do.
853	Numara Eliya	Ceylon Govt. Gazette Suppl., 1931 and Blue Book, 1931 and MS. data.	P, 40 yrs., 1869-1904; '13-20. T, 49 yrs., 1869-1920. R, 1869-1920.	P = ½(9½+15½). 82½°E. meridian time ℄ derived from ½(M+m).
854	Trincomalee	See No. 852.	P, R, 50 yrs., 1869-1920. T, 51 yrs., 1869-1920.	e Do. do.
855	Kuta Raja	Batavia, Regenw., Nederlandsch-Indië, 1931.	R, 1879-1928.	Do. do.
856	Medan	Batavia, Obs. Secondary Stations, Netherlands Indies, 1931 and Batavia Regenw., Nederlandsch-Indië, 1931.	P, 1908; '10-23. ℄, 15 yrs., 1913-28. R, 1879-1928.	..
857	Butterworth	Singapore, Malayan Meteor. Serv., Summary of Obs., 1931 and MS. data.	..	t P reduced to mean of 24 hrs. ℄ = mean of bi-hourly observations.
858	Singapore (Mt.Faber)	Singapore, Malayan Meteor. Serv., Summary of Obs., 1931.	P, 1898-1922.	P (Jan.) = ⅛(6+9+12+15+18+21). P (Feb. to Dec.) ℄ = mean of 24 hrs.
				c P = ⅛(6+9+12+15+18+21). ℄ = mean of 24 hrs.

ZONE 8-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
859	Sandakan	MS. data at M.O.	T, R, 1879-95; 1904-29.	e P = ¼(6+14). ☾ = ¼(9+15+2x21).
860	Iwahig	Manila, Weather Bureau, Monthly Bull. and Ann. Rep., 1931.	P, ☾, R, 15 yrs., 1914-29.	c P = ¼(6+14). ☾ derived from these hours.
861	Tagbilaran	Manila, Weather Bureau, Monthly Bull., 1931.	P, ☾, 25 yrs., 1902-28. R, 1903-27.	c P, ☾ = ⅛(2+6+10+14+18+22).
861a	Menado	See No. 856.	☾, 15 yrs., 1912-27. R, 1879-1928.	t ☾ = mean of bi-hourly observations.
862	Surigao	See No. 861.	P, 25 yrs., 1902-28. ☾, 25 yrs., 1902-29. R, 25 yrs., 1902-27.	c P, ☾ = ⅛(2+6+10+14+18+22).
863	Kolonie, Yap	Do.	P, 25 yrs., 1907-33. ☾, 25 yrs., 1906-32. R, 25 yrs., 1905-31.	P, ☾ = ⅛(2+6+10+14+18+22). 120° E. meridian time.
864	Palau	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1931.	P, ☾, R, 1924-33.	ce P, ☾ = ⅛(2+6+10+14+18+22).
867	Ponape	Do. Do.	..	e P, ☾ = ⅛(2+6+10+14+18+22). 135°E. meridian time.

ZONE 9. Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

902	Atafu	MS. data supplied by Apia Obs.,Samoa.	..	d P = 9h. 165°W. meridian time.
920	Lambayeque	Lima, Serv.Meteor.Nac.Res.Obs.,1931.	..	e P = ¼(M+m). Max. generally occurs at 10h. and min. at 16h. ☾ = mean of bi-hourly observations.
921	Quito	Quito, Res. Obs. Meteor., 1931.	P, R, 35 yrs. ☾, 35 yrs., 1891-1928.	q P, ☾ = mean of 24 hrs.
923	Senna Madureira	..	..	..
923a	S.Gabriel do Rio Negro	..	..	..
924	Manaos	..	..	..
926	Taperinha	..	..	..
927	Turyassu	..	..	..
928	Barra do Corda	..	..	..
929	Quixeramobim	..	..	..
930	Fernando Noronha	..	..	..
934	Ascension Island	MS. data at M.O.	☾, 15 yrs., 1854-65; 1917-32. R, 32 yrs., 1854-65; 99-1935.	☾ derived from ⅓(9+21).
939	Loanda	Loanda, Res. Obs. Meteor. .... Angola, Bol. Oficial, 1931.	P, 41 yrs., 1879-1925. ☾, 42 yrs., 1879-1925. R, 1879-1925.	P, ☾ = mean of 24 hrs.
940	Brazzaville	MS. data supplied by Ministère des Colonies, Paris.	T, 15 yrs., 1898; 1906-21. R, 15 yrs., 1897-98; 1906-21.	d ..
942	Tshibinda	MS. data supplied by Ministère des Colonies, Bruxelles.	..	☾ = ⅓(8+14+18+M+m).
943	Masaka	Uganda Blue Book, 1931.	R, 25 yrs., 1902-27.	d ..
944	Nairobi (Kabete Obs.)	Nairobi, B.E.A. Meteor. Serv., Results Meteor.Obs. Kabete, 1931.	..	et P, ☾ = mean of 24 hrs.
944a	Zanzibar	Calcutta, India Weather Rev., 1931 and MS. data.	P, R, see current data. T, 1891-1920.	aq P = 8h. ☾ derived from ½(M+m).
944a	Zanzibar(Chukwani Palace)	Nairobi, B.E.A. Meteor. Serv., Results Meteor.Obs. Chukwani Palace, 1931.	..	et P, ☾ = mean of 24 hrs.
947	Seychelles,Port Office	See No. 944a.	P, ☾, R, see current data.	q P = ½(10+16) reduced to mean of 24 hrs. ☾ derived from ½(M+m).
957	Padang	Batavia,Obs. Secondary Stations, Netherlands Indies,1931 and Batavia, Regenw. Nederlandsch-Indië, 1931.	P, 1908-32. ☾, 1913-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
958	Batavia	Batavia,Obs.R.Magn. and Meteor.Obsy., 1931 and Batavia, Regenw, Nederlandsch-Indië, 1931.	P, ☾, 1866-1923. R, 1864-1923.	et P, ☾ = mean of 24 hrs.
958a	Pontianak	See No. 957.	P, 1906-30. ☾, 15 yrs., 1912-24; '27-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
959	Pasuruan	Do.	P, ☾, 1901-25. R, 1879-1928.	t Do. Do.
960	Kajoemas	Batavia,Regenw.Nederlandsch-Indië, 1931.	R, 1888-1928.	..
962	Amboina	See No. 957.	P, 1906-30. ☾, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
963	Manokwari	See No. 960.	R, 27 yrs., 1900-28.	..
965	Daru	Port Moresby, Papua Govt. Gazette, 1931-32.	P, 18 yrs., 1894-1922. T, 25 yrs., 1897-1933. R, 35 yrs., 1894-1933.	d P = 9h.
966	Port Moresby	Do. do.	P, 35 yrs.,1891-1933. T(Jan.and Dec.) 25 yrs., 1891-1923. ☾(Feb.to Nov.,Yr.) 24 yrs., 1892-1924. R,38 yrs., 1891-1930.	d P, ☾ (Apr. to Nov., Yr.) = 9h. "d" refers to Jan. and Dec.
967	Rabaul	MS. data supplied by Meteor. Bureau, Melbourne.	P, T, R, 1916-31.	d P = ½(9+15).
969	Tulagi,Brit.Solomon Is.	MS. data at M.O.	T(Jan.to July,Sept.to Dec.) 25 yrs.,1907-32. ☾(Aug.,Yr.) 10 yrs.,1925-35. R, 35 yrs., 1898-1933.	☾ (Jan.to July,Sept. to Dec.) derived from ½(M+m). ☾ (Aug.,Yr.) = 9h. Pressure appears unreliable.
970	Ocean Island	Do.	P, 25 yrs., 1905-31. T, 25 yrs., 1905-30. R, 1905-29.	e P = ¼(8+20). ☾ derived from ¼(M+m).

ZONE 10. Between Latitude 10° S. and 20° S.

1001	Vavau	MS. data supplied by Telegraph and Telephone Dept., Nukualofa, Tonga.	..	x P = 20h. 40m.
1002	Apia, Samoa	Wellington, Rep. Apia Obsy., Samoa, 1931.	P, 1890-1930. ☾, 1911-30. R, 1890-1924.	P, ☾ = mean of 24 hrs.
1003	Alofi, Niue Island	Wellington, Meteor. Obs., 1931.	P, 15 yrs., 1907-14; '26-33. T, 25 yrs., 1907-33. R, 25 yrs., 1905-31.	P = 9h. ☾ derived from ½(M+m).
1021	Lima	Lima, Serv. Meteor. Nac. Res. Obs., 1931.	..	e P = ½(M+m).Max. usually occurs at 12h. and min. at 16h. ☾ = mean of bi-hourly observations.
1022	Arica	Santiago, Publ.Inst.Meteor.Chile, No.44, An., 1931.	T, 10 yrs., 1914-32. R, 19 yrs., 1903-34.	c ☾ = ¼(7+18+M+m).
1024	La Paz, Bolivia	La Paz, Res. Obs. Meteor., 1931 and MS. data.	P, ☾, 1918-32. R, 35 yrs., 1891-1931.	q P = ½(7+14+21). ☾ = ¼(7+14+2x21). 60° W. meridian time.
1025	Corumba	..	..	..

ZONE 10-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1026	Ouyaba	..	..	..
1027	Bello Horizonte	..	..	..
1028	Caetite	..	..	..
1029	Condina (Bahia)	..	..	..
1030	Aracaju	..	..	..
1035	St. Helena	..	..	..
1039	Mossamedes	MS. data at M.O.	P,R, 10 yrs., 1925-35. T, 10 yrs., 1925-36.	e P = 6½h. ☾ derived from 6½h.
1041	Livingstone	Loanda, Res. Obs. Meteor. ..... Angola, Bol. Oficial, 1931.	R, 13 yrs., 1913-34.	ex P = ½(8+14).
1041a	Elisabethville	Northern Rhodesia Meteor. Rep., 1930-31 and 1931-32 and MS. data at M.O.	T, R, 10 yrs., 1922-32.	ce P = ½(8+18).
1042	Gwelo	MS. data supplied by Ministère des Colonies, Bruxelles.	P, 15 yrs., 1912-31. T, 20 yrs., 1911-34. R, 1912-26.	e P = 8h.
1043	Salisbury (Dept.Agric.)	MS. data at M.O.	T, R, 1907-31.	e Do.
1044	Lomba	Do.	P, 1921-36. T, 1897-1931. R, 1896-1930.	eq P, ☾ = mean of 24 hrs.
1045	Mossuril	Nyasaland Govt. Gazette, 1931.	P, 1908-32. T, R, 1892-1926.	cde P = ½(9+15).
1046	Antananarivo	Lourenço Marques, Rel. do Obs. Campos Rodrigues, 1931.	..	P, ☾ = mean of 24 hrs.
1055	Cocos, Keeling Is.	Tananarive, Bull. Mens., 1931 and MS. data.	P, ☾, 1890-1923. R, 1890-1924.	eq Do.
1057	Christmas Island	MS. data supplied by Meteor. Bureau, Melbourne.	P, 21 yrs., 1911-33. T, 1905-30. R, 1904-30.	d P = ½(9+15).
1061	Kupang	MS. data at M.O.	P, T, R, 1902-36.	P = ½(9+21). ☾ = ¼(9+21+M+m).
1061a	Derby	Batavia, Obs. Secondary Stations, Netherlands Indies, 1931 and Batavia, Regenw. Nederlandsch-Indië, 1931.	P, 1897-1931. T, 1897-1930. R, 1886-1930.	t P, ☾ = mean of bi-hourly observations. P = ½(9+15).
1062	Hall's Creek	See No. 1055.	P, 1901-25. T, 1899-1931. R, 1891-1930.	P = ½(9+15). ☾ derived from ½(M+m).
1063	Darwin	Do.	P, T, 1882-1930. R, 1870-1930.	Do. do.
1064	Daly Waters	Do.	P, 1881-1919. T, 1886-1930. R, 1873-1930.	Do. do.
1065	Palmerville	Do.	P, 1907; '10-34. T, 1907-34. R, 1890-1934.	P = ½(9+15).
1066	Georgetown,Queensland	Do.	P, 1910-24. T, 1907-30. R, 1872-1932.	Do.
1067	Willis Island	Do.	P, T, R, 1922-31.	P = ½(9+15). ☾ = ½(9+15+21).
1072	Samarei	Do.	P, 15 yrs., 1904-24. T, 15 yrs., 1904-23. R, 25 yrs., 1891-1930.	P, ☾ (July,Aug.) = 9h. ☾ (Sept.) derived from ½(M+m).
	Suva, Fiji	Port Moresby, Papua Govt.Gazette, 1930-32.	P, T, R, 1886-1928.	ce P = ½(8½+15½). ☾ derived from ½(M+m).
		MS. data at M.O.		

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S. ZONE 11.

1101	Nukualofa, Tonga	MS. data at M.O.	..	x P = 20h. 40m.
1105	Rarotonga (Avarua)	Wellington, Meteor. Obs., 1931.	T, 25 yrs., 1899-1926. R, 1899-1933.	☾ (Jan.to Aug.,Oct. to Dec.) derived from ½(M+m). ☾ (Sept., Yr.) = 9h.
1121	Punta Tortuga,Coquimbo	Santiago, Publ. Inst. Meteor. Chile, No. 44, An., 1931.	P, 35 yrs., 1870-1930. T, 1911-25. R, 1900-24.	ce P = ⅓(7+13+18). ☾ = ¼(7+18+M+m).
1122	Antofagasta	Do. do.	P, T, 15 yrs., 1919-34. R, 24 yrs., 1904-34.	ce Do. do.
1123	Catamarca	MS. data supplied by Dirección de Meteorologia, Buenos Aires.	P, 1901-25. ☾, 1904-28. R, 1902-26.	ce P = mean of 24 hrs. ☾ derived from ⅓(8+14+20).
1124	Salta	Do. do.	P, ☾, R, 1901-25.	eq P, ☾ = mean of 24 hrs.
1125	Goya	Do. do.	P, ☾, R, 1877-1924.	ce P = mean of 24 hrs. ☾ derived from ⅓(8+14+20).
1126	Asuncion	Do. do.	P, 35 yrs., 1893-1931. ☾, 1892-1911; '17-31. R, 40 yrs.	ce Do. do.
1127	Curityba	..	..	..
1138	Rio de Janeiro	..	..	..
1139	Windhoek	MS. data supplied by Meteor. Assistent, Windhoek.	T, 25 yrs., 1901-33. R, 35 yrs.	eu P = 8½h. ☾ = ¼(8½+14½+20½+m).
1140	O'Okiep	Pretoria, Meteor. Office Rep., 1931-32 and MS. data.	P, T, 35 yrs., 1900-35. R, 1882-1924.	equ P, ☾ (Jan. to Mar.,Yr.) = 8½h. ☾ (Apr. to Dec.) derived from ½(M+m).
1141	Kimberley	Do. do.	P, 35 yrs.,1895-1930. ☾, 35 yrs.,1897-1932. R, 1894-1928.	eq P, ☾ = mean of 24 hrs.
1141a	Johannesburg	Do. do.	P, T, 1904-28. R, 1888-1924.	ceq P = 8½h. ☾ derived from ½(M+m).
1142	Bulawayo	MS. data at M.O.	P, T, R, 1897-1931.	ceq P (Jan.to May,Oct.) = 8h. P (June to Sept., Nov.. Dec.) ☾ (June to Dec.) = mean of 24 hrs. ☾ (Jan.to May,Yr.) derived from ½(M+m).
1143	Durban	See No. 1140.	P, 1884-1920. T, 1885-1920. R, 1873-1920.	ce P = 8½h. ☾ derived from ½(M+m).
1144	Lourenço Marques	Lourenço Marques, Rel. Obs., Campos Rodrigues, 1931.	P, ☾, R, 15 yrs.	P, ☾ = mean of 24 hrs.
1147	Mauritius	Mauritius, Regults Meteor. Obs., 1931 Royal Alfred Observatory.	P, 1875-1930. ☾, 1861-1919. R, 1871-1930.	e Do.
1159	Onslow	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1897-1931. T, 1897-1930. R, 1886-1930.	P = ½(9+15).
1160	Cue	Do. do.	P, 1897-1931. T, 1897-1930. R, 1895-1930.	Do.
1161	Nullagine	Do. do.	T, 1899-1930. R, 1898-1930.	..
1162	Laverton	Do. do.	P, 1901-25. T, 1901-30. R, 1900-30.	P = ½(9+15). ☾ derived from ½(M+m).
1163	Alice Springs	Do. do.	P, 1885-1923. T, 1879-1930. R, 1874-1930.	q Do. do.
1164	William Creek	Do. do.	P, 1889-1923. T, 1889-1927. R, 1874-1930.	Do. do.
1165	Boulia	Do. do.	P, 1900-24. T, 1898-1931. R, 1886-1932.	Do. do.
1166	Thargomindah	Do. do.	P, 1910-24. T, 1907-30. R, 1879-1932.	Do. do.
1167	Mitchell	Do. do.	P, 1910-14; '18-27. T, 1907-30. R, 1884-1932.	P = ½(9+15).
1168	Rockhampton	Do. do.	P, 1889-1923. T, 1898-1931. R, 1871-1932.	d Do.
1170	Brisbane	Do. do.	P, 41 yrs. T, 1887-1930. R, 83 yrs.,1840-1932.	P = ½(9+15). ☾ = ¼(9+15+21+m).
	Norfolk Island	Do. do.	P, 15 yrs. 1908-27. T, 15 yrs., 1878-84; 1915-27. R, 1887-1912; '15-23.	d P = 9h.

ZONE 12. Table showing the Authorities for the Meteorology of the Globe between Latitude 30° S. and 40° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1221	Juan Fernandez	Santiago, Publ. Inst. Meteor. Chile, No. 44, An., 1931.	P, 1923-34. T, 18 yrs., 1901-32. R, 23 yrs., 1902-34.	ce P = ½(7+13+18). ℄ = ¼(7+18+M+m).
1221a	Punta Tumbes	Do. do.	P, T, R, 1901-25.	ce Do. do.
1222	Punta Angeles, Valparaiso	Do. do.	P, R, 41 yrs., 1869-1934. T, 25 yrs., 1906-32.	ce Do. do.
1222a	Santiago	Do. do.	P, 1861-1921. T, 1921-30. R, 1867-1921.	ce Do. do.
1223	Cordoba	MS. data supplied by Dirección de Meteorologia, Buenos Aires.	P, ℄, R, 1873-1924.	e P, ℄ = mean of 24 hrs.
1224	Bahia Blanca	Do. do.	P, ℄, 1860-83; '96-1924. R, 1860-83; '85-1924.	e Do.
1225	Buenos Aires (Chacarita)	Do. do.	P, 1858-1924. ℄, 1856-1924. R, 1861-1924.	e Do.
1226	Montevideo (Prado)	MS. data supplied by Serv. Meteor., Uruguay.	P, 1901-20; '29-33. T, R, 1901-20; '25-29.	c P = ⅓(7+14+21). ℄ derived from ½(M+m).
1226a	Porto Alegre	Porto Alegre, Inst. Coussiart Araujo, Bol. An., 1931.	P, ℄, R, 1910-24.	e P, ℄ = mean of 24 hrs.
1239	Cape Town	Pretoria, Meteor. Office Rep., 1931.	P, R, 1841-1928. T, 1857-1924.	
1240	Danger Point	Pretoria, Meteor. Office Rep., 1931 and MS. data.	P, 10 yrs., 1918-25; '27-28. T, 15 yrs., 1910-27. R, 35 yrs.	eu P = ⅓(8½+12+20½). ℄ derived from ½(M+m). eu P = 8½h.
1240a	Klaver	Do. do.	P, T, 1924-36. R, 13 yrs., 1923-36.	eu Do.
1241	Riversdale	Do. do.	T, 15 yrs., 1918-33. R, 49 yrs.	eu Do.
1242	East London	Do. do.	P, 1870-1904. T, 1881-1906; '10-19. R, 35 yrs., 1877-1914.	ce Do.
1259	Perth (Observatory)	MS. data supplied by Meteor. Bureau, Melbourne.	P, 43 yrs. T, 1897-1930. R, 1876-1930.	P = ¼(9+15). ℄ derived from ¼(M+m).
1260	Katanning	Do. do.	P, T, 1897-1931. R, 1892-1930.	P = ⅓(9+15).
1261	Coolgardie	Do. do.	P, 1897-1931. T, 1897-1930. R, 1893-1930.	P = ⅓(9+15). ℄ derived from ¼(M+m).
1262	Eucla	Do. do.	P, 1879-1918. T, 1878-1927. R, 1876-1927.	Do. do.
1263	Streaky Bay	Do. do.	P, 1890-1924. T, 1891-1930. R, 1878-1930.	Do. do.
1264	Adelaide	Do. do.	P, T, 80 yrs. R, 98 yrs.	Do. do.
1265	Melbourne	Do. do.	P, 70 yrs. T, R, 1856-1931.	P = mean of 24 hrs. ℄ derived from ¼(M+m).
1266	Bourke	Do. do.	P, 1907-29. T, 1878-1930. R, 1873-1930.	P = ⅓(9+15).
1267	Sydney	Do. do.	P, 69 yrs. T, R, 1859-1931.	P = ⅓(9+15). ℄ = ¼(9+15+21+m).
1268	Lord Howe Island	Do. do.	P, 1914-28. T, 1913-21; '23-28. R, 1897-1912; '15-23.	P = 9h.
1271	Auckland	Wellington, Meteor. Obs. 1931.	P, 33 yrs., 1863-82; 1916-30. T, 1864-1923. R, 77 yrs.	Do.
1272	Napier	Do. do.	T, 34 yrs. R, 52 yrs.	..

ZONE 13. Between Latitude 40° S. and 50° S.

1301	Chatham Island	MS. data supplied by Meteor. Office, Wellington, N.Z.	P, 1913-14; '20-25; '29-30. R, 35 yrs., 1879-81; '94-1932.	P = 9h.
1321	Isla Guafo	Santiago, Publ. Inst. Meteor. Chile, No.44, An., 1931.	P, R, 1908-32. T, 1909-30.	ce P = ⅓(7+13+18). ℄ = ¼(7+18+M+m).
1322	Punta Galera	Do. do.	P, T, R, 1899-1933.	ce Do. do.
1323	Sarmiento	MS. data supplied by Dirección de Meteorologia, Buenos Aires.	P, 25 yrs., 1903-28. ℄, R, 1903-27.	e P, ℄ = mean of 24 hrs.
1324	Puerto Madryn	Do. do.	P, 25 yrs., 1902-30. ℄, 1901-25. R, 25 yrs., 1902-28.	e Do.
1365	Launceston	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1905-29. T, 1889-1930.	P = ⅓(9+15). ℄ derived from ½(M+m).
1366	Hobart	Do. do.	P, 43 yrs. T, 1871-1931. R, 1841-79; '82-1931.	Do. do.
1369	Invercargill	Wellington, Meteor. Obs., 1931.	T, 20 yrs. R, 36 yrs.	..
1370	Alexandra	Do. do.	..	..
1371	Dunedin	Do. do.	P, 1913-30. T, 66 yrs. R, 73 yrs.	P = 9h.
1371a	Christchurch	Do. do.	P, 1864-80; 1905-30. T, 42 yrs. R, 53 yrs.	Do.
1372	Wellington	Wellington, Meteor. Obs. for 1931 and 1932.	P, 65 yrs., 1864-1930. T, 66 yrs. R, 186 R, 1862-1923.	P = 9h. ℄ = mean of 24 hrs.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	Santiago, Publ. Inst. Meteor. Chile, No.44, An., 1931.	P, R, 1899-1933. T, 1901-24.	ce P = ⅓(7+13+18). ℄ = ¼(7+18+M+m).
1422	Magallanes	Do. do.	P, 1889-1924. T, R, 1888-1924.	
1423	Punta Dungeness	Do. do.	P, 25 yrs., 1900-26. T, 15 yrs., 1905-06; '12-25. R, 25 yrs., 1903-29.	ce Do. do. ce Do. do.
1424	Santa Cruz	MS. data supplied by Dirección de Meteorologia, Buenos Aires.	P, 25 yrs., 1903-31. ℄, 1901-25. R, 25 yrs., 1896-1925.	e P, ℄ = mean of 24 hrs.
1425	Stanley, Falkland Is.	MS. data at M.O.	P, 15 yrs., 1875-77; 1922-34. T, 15 yrs., 1874-83; 1922-30. R, 35 yrs., 1874-91; 1904-33.	e P = 9h.
1426	Cape Pembroke	Do.	P, 1895-1929. ℄, 35 yrs., 1895-1930.	e P, ℄ = ⅛(4+8+12+16+20+24). No raingage.
1429	S.Georgia (Cumberland Bay)	Do.	P, 25 yrs., 1906-32. ℄, 1905-30. R, 25 yrs., 1906-31.	e P = ⅓(8+14+20). ℄ derived from these hours.

ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	MS. data supplied by Dirección de Meteorologia, Buenos Aires.	P, ℄, 1903-27. R, 25 yrs., 1904-30.	e P, ℄ = mean of 24 hrs.

NOTES

Unless otherwise stated, the hours of observation refer to Local Mean Time.

a. Maximum thermometer read at hour of morning observation and entered to day of reading.
c. International Zone Time.
d. ℄ derived from table below.
e. M.S.L. reduction applied in M.O.
f. At Cairo, mean temperatures obtained by this formula are 0·7°A. too low.
g. At Khartoum, mean temperatures obtained by this formula are 1·0°A. too low.
k. Absolute maximum taken from observations at fixed hours.
l. Absolute minimum taken from observations at fixed hours.
n. 75°W. meridian time.
q. Pressure differences from normal refer to station level values.
t. Maximum and minimum temperatures from thermograph.
u. 30°E. meridian time.
w. 15°E. meridian time.
x. Greenwich Mean Time.
Normals for which the period is enclosed in brackets have been computed by comparison with neighbouring stations.
The statement that ℄ is derived from a certain combination, means that a correction has been applied to the values given by this combination, to obtain the approximate true mean temperature.
Summary of Wind within the Tropics.- The information is extracted from MS. data at M.O.

REDUCTION TO TRUE MEAN TEMPERATURE

The following references give the more important authorities for the corrections which have been applied to reduce the temperature, either means of observations at fixed hours or means of maxima and minima, to true mean.

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The following table gives approximate corrections for the limits 30° N. to 30° S. to reduce ½(M + m) to true mean temperature (℄), taking into consideration the height and the daily range (M − m). It can be applied in cases where no other correction is available, and has been so used in the tables in this issue.

Daily Range	Height in Metres.							
	0	500	1000	1500	2000	2500	3000	3500
°A	°A	°A	°A	°A	°A	°A	°A	°A
4	− ·35	− ·42	− ·49	− ·56	− ·63	− ·70	− ·77	− ·84
6	− ·42	− ·50	− ·58	− ·66	− ·74	− ·82	− ·90	− ·98
8	− ·52	− ·59	− ·65	− ·72	− ·78	− ·85	− ·91	− ·98
10	− ·64	− ·67	− ·70	− ·73	− ·76	− ·79	− ·82	− ·85
12	− ·79	− ·76	− ·73	− ·70	− ·67	− ·64	− ·61	− ·58
14	− ·97	− ·85	− ·73	− ·61	− ·49	− ·37	− ·25	− ·13

SUMMARY OF WINDS WITHIN THE TROPICS—1931

Month	FANNING ISLAND 805		SIERRA LEONE 834				KAMPALA, KOLOLO HILL 844	ASCENSION ISLAND 934				TULAGI 969	
	9h.		9h.		17h.			9h.		21h.		9h.	
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	†Resultant	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal
January	65° (87)	115° (82)	65° (55)	65° (29)	215° (59)	240° (42)	..	110° (90)	125° (81)	110° (92)	125° (76)	95° (57)	320° (45)
February	55° (92)	100° (80)	60° (15)	285° (14)	215° (53)	235° (71)	..	85° (77)	125° (79)	95° (85)	125° (73)	330° (72)	310° (34)
March	60° (88)	90° (81)	290° (59)	275° (27)	230° (97)	235° (72)	..	100° (86)	130° (81)	100° (87)	130° (79)	135° (44)	325° (21)
April	55° (87)	90° (82)	310° (27)	280° (23)	225° (88)	240° (73)	..	110° (88)	125° (83))	105° (86)	125° (75)	120° (39)	130° (21)
May	75° (80)	100° (75)	40° (29)	330° (9)	230° (73)	235° (63)	190° (3·3)	115° (90)	125° (85)	115° (91)	125° (78)	135° (91)	130° (21)
June	120° (80)	115° (77)	65° (23)	50° (19)	225° (61)	225° (48)	185° (3·1)	95° (85)	125° (84)	100° (85)	125° (81)	125° (85)	135° (21)
July	125° (90)	120° (81)	200° (20)	245° (11)	220° (40)	230° (60)	315° (0·1)	90° (86)	125° (82)	95° (85)	125° (78)	125° (86)	135° (21)
August	130° (95)	125° (86)	230° (43)	235° (27)	225° (52)	230° (68)	184° (0·5)	95° (85)	125° (82)	100° (86)	125° (77)	125° (78)	135° (21)
September	120° (87)	130° (86)	230° (21)	305° (2)	220° (42)	230° (61)	345° (0·7)	100° (86)	125° (83)	100° (86)	125° (78)	135° (93)	135° (21)
October	120° (93)	135° (81)	45° (30)	60° (32)	230° (44)	235° (47)	333° (0·8)	90° (85)	125° (84)	90° (86)	125° (79)	125° (80)	135° (21)
November	125° (92)	125° (80)	55° (52)	60° (33)	200° (42)	235° (49)	254° (0·5)	105° (88)	125° (85)	105° (89)	125° (85)	130° (75)	130° (21)
December	130° (92)	115° (80)	50° (27)	60° (35)	225° (26)	245° (41)	241° (1·1)	105° (86)	130° (82)	105° (86)	125° (79)	55° (28)	130° (21)
Year	100° (76)	115° (79)	25° (10)	20° (7)	225° (56)	235° (57)	...	100° (86)	125° (83)	100° (86)	125° (78)	120° (53)	130° (21)
Period of Normals	15 yrs., 1909–30		15 yrs., 1910–25					10 yrs., 1923–33				1909–23	

Month	OCEAN ISLAND 970				APIA, SAMOA 1002			St. HELENA* 1035		SUVA, FIJI 1072			
	8h.		20h.		9h.		15½h.	6½h.		8½h.		15½h.	
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal
January	65° (31)	665° (45)	205° (2)	70° (34)	115° (23)	75° (27)	130° (21)	155° (92)	142° (92)	100° (72)	90° (45)	110° (84)	105° (69)
February	65° (56)	75° (54)	320° (17)	75° (48)	50° (21)	65° (24)	10° (17)	..	141° (90)	85° (76)	80° (45)	105° (87)	105° (60)
March	75° (61)	75° (58)	35° (6)	75° (46)	115° (40)	75° (37)	115° (53)	..	142° (88)	115° (51)	80° (37)	145° (65)	75° (34)
April	80° (91)	80° (68)	80° (18)	75° (54)	115° (60)	95° (48)	105° (70)	145° (89)	138° (89)	80° (68)	90° (49)	110° (68)	105° (55)
May	90° (55)	85° (72)	85° (13)	85° (55)	125° (68)	105° (56)	115° (90)	150° (78)	139° (86)	105° (51)	100° (47)	115° (62)	100° (53)
June	90° (62)	90° (70)	70° (18)	85° (57)	120° (71)	100° (61)	110° (71)	150° (76)	136° (84)	90° (50)	95° (43)	115° (78)	105° (53)
July	95° (41)	90° (54)	90° (10)	85° (49)	110° (80)	100° (63)	105° (79)	145° (84)	139° (86)	75° (61)	95° (46)	105° (69)	110° (53)
August	125° (42)	95° (59)	190° (9)	95° (55)	110° (83)	100° (76)	115° (79)	155° (59)	141° (83)	100° (29)	105° (47)	135° (42)	110° (53)
September	110° (50)	95° (52)	145° (21)	85° (43)	110° (72)	95° (70)	110° (81)	150° (88)	143° (91)	115° (47)	105° (57)	130° (69)	105° (53)
October	105° (82)	95° (44)	115° (78)	85° (25)	110° (56)	95° (66)	110° (48)	155° (90)	145° (92)	110° (36)	100° (60)	125° (61)	110° (53)
November	80° (52)	80° (23)	95° (59)	60° (14)	90° (52)	80° (56)	125° (62)	155° (92)	142° (93)	100° (60)	100° (62)	120° (61)	110° (53)
December	70° (70)	65° (35)	80° (75)	65° (28)	105° (58)	90° (44)	120° (41)	150° (92)	144° (91)	100° (66)	100° (51)	120° (87)	105° (69)
Year	85° (54)	85° (52)	95° (22)	80° (42)	110° (56)	90° (52)	110° (57)	..	141° (89)	95° (54)	95° (49)	120° (68)	105° (63)
Period of Normals	1921–30				1922–31			1893–1920		45 yrs., 1883–1928		1927–36	

§Direction and Constancy. For explanation see Introduction.
*Normal refers to 9h. at the old site of St. Matthew's Vicarage.
†Direction and Velocity.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC—1931

MONTH	KARA SEA†		BARENTS SEA†		GREENLAND SEA†	
	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3
April	255	255	1090	1155	820	1245
May	255	255	820	981	645	1004
June	255	253	700	841	700	745
July	204	240	223	519	558	594
August	19	137	134	320	478	478
Period of Normals	1895–1915		1895–1915		37 yrs., 1877–1913	

MONTH	ICELAND†				NEWFOUNDLAND BANKS †† (south of 48° N.)	
	No. of days with ice		Normal no. of days with ice		Number of icebergs	
	Visible	Heavy	Visible	Heavy	Observed	Normal
January	0	0	3	1	0	1
February	0	0	4	0	0	0
March	0	0	5	2	2	2
April	0	0	6	1	1	1
May	0	0	6	1	10	2
June	0	0	7	1	0	1
July	0	0	4	0	0	0
August	0	0	2	0	0	0
September	0	0	0	0	0	0
October	0	0	0	0	0	0
November	0	0	0	0	0	0
December	0	0	0	0	0	0
Year	0	0	37	66	13	7
Period of Normals	1901–25				1900–31	

†Isforholdene i de arktiske Have, 1931, published by the Danish Meteorological Institute.
††International ice observations and ice patrol service in the North Atlantic Ocean, 1931.

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